



# p140Cap Monoclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-mAb-04054                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Reactivity</b>                  | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Gene Name</b>                   | SRCIN1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Immunogen</b>                   | The antiserum was produced against synthesized peptide derived from human SNIP. AA range:811-860                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Specificity</b>                 | p140Cap Monoclonal Antibody detects endogenous levels of p140Cap protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>                      | Monoclonal, Mouse,IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Purification</b>                | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Dilution</b>                    | WB 1:500-1:2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Synonyms</b>                    | SNIP;SNAP25 interacting protein;SNAP 25 interacting protein;p140Cap;P140; SRCIN1;SRC kinase signaling inhibitor 1;KIAA1684;SNAP-25-interacting protein; p130Cas-associated protein                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Observed Band</b>               | 112kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Calculated Molecular Weight</b> | 112kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Cell Pathway</b>                | Cytoplasm . Cytoplasm, cytoskeleton . Cell projection, axon . Cell projection, dendrite . Cell junction, synapse, presynapse . Cell junction, synapse, postsynapse . Cell junction, synapse, postsynaptic density . Localized to the perinuclear region, lamellopodia, cortical actin and actin stress fibers but not to focal adhesions. Strongly expressed in axons and dendrites of the CA1 and CA3 hippocampal regions and of the dentate gyrus. Detected in both presynapses and postsynapses and enriched in postsynaptic density fractions. . |
| <b>Tissue Specificity</b>          | Expressed in some primary breast carcinomas where its presence is significantly associated with increased tumor size. Not detected in normal breast tissue.                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Function</b>                    | function:Delays the onset of cell spreading in the early stages of cell adhesion to fibronectin. Also involved in calcium-dependent exocytosis from PC12 cells., PTM:Tyrosine-phosphorylated in response to EGF and to cell adhesion to                                                                                                                                                                                                                                                                                                              |



integrin ligands.,similarity:Belongs to the p140Cap family.,subcellular location:Localized to the perinuclear region, lamellopodia, cortical actin and actin stress fibers but not to focal adhesions.,subunit:Interacts with the N-terminal coiled-coil region of SNAP25 (By similarity). Interacts with BCAR1/p130Cas through its C-terminal domain.,

#### Background

function:Delays the onset of cell spreading in the early stages of cell adhesion to fibronectin. Also involved in calcium-dependent exocytosis from PC12 cells., PTM:Tyrosine-phosphorylated in response to EGF and to cell adhesion to integrin ligands.,similarity:Belongs to the p140Cap family.,subcellular location:Localized to the perinuclear region, lamellopodia, cortical actin and actin stress fibers but not to focal adhesions.,subunit:Interacts with the N-terminal coiled-coil region of SNAP25 (By similarity). Interacts with BCAR1/p130Cas through its C-terminal domain.,

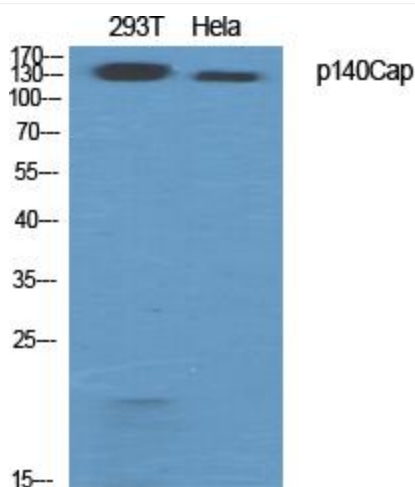
#### matters needing attention

Avoid repeated freezing and thawing!

#### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

### Products Images



Western Blot analysis of various cells using p140Cap Monoclonal Antibody