



# RAPGEF1 Mouse mAb

|                                    |                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-mAb-16145                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Reactivity</b>                  | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Gene Name</b>                   |                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Immunogen</b>                   | Recombinant fusion protein containing a sequence corresponding to amino acids 844-1095 of human RAPGEF1                                                                                                                                                                                                                                                                                   |
| <b>Specificity</b>                 |                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Formulation</b>                 |                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>                      | Monoclonal, Mouse,IgG                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Purification</b>                | Affinity purification                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Dilution</b>                    | WB 1:500-2000                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Synonyms</b>                    | C3G;C3G protein;CRK SH3 binding GNRP;CRK SH3-binding GNRP; DKFZp781P1719;GRF 2;GRF2;Guanine nucleotide releasing factor 2 (specific for crk proto oncogene);Guanine nucleotide releasing factor 2;Guanine nucleotide-releasing factor 2;OTTHUMP64558;Protein C3G;Rap guanine nucleotide exchange factor (GEF) 1;Rap guanine nucleotide exchange factor 1; RAPGEF 1;RAPGEF1;RPGF1_HUMAN    |
| <b>Observed Band</b>               | 120kDa                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Calculated Molecular Weight</b> | 121kDa                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Cell Pathway</b>                |                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Tissue Specificity</b>          |                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Function</b>                    |                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Background</b>                  | This gene encodes a human guanine nucleotide exchange factor. It transduces signals from CRK by binding the SH3 domain of CRK, and activating several members of the Ras family of GTPases. This signaling cascade that may be involved in apoptosis, integrin-mediated signal transduction, and cell transformation. Several alternatively spliced transcript variants of this gene have |



been described, but the full-length nature of some variants has not been determined.

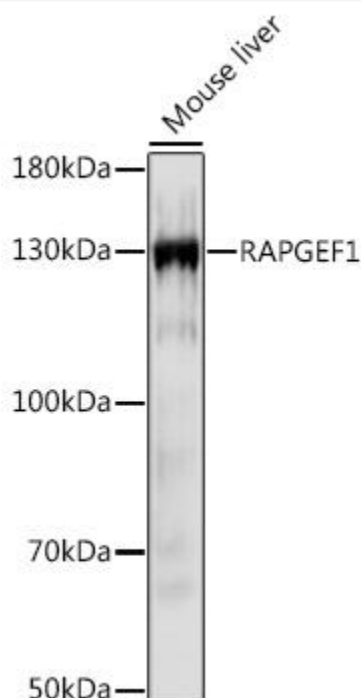
**matters needing attention**

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 lysates from Mouse liver, using RAPGEF1 Mouse pAb (A16050) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.