

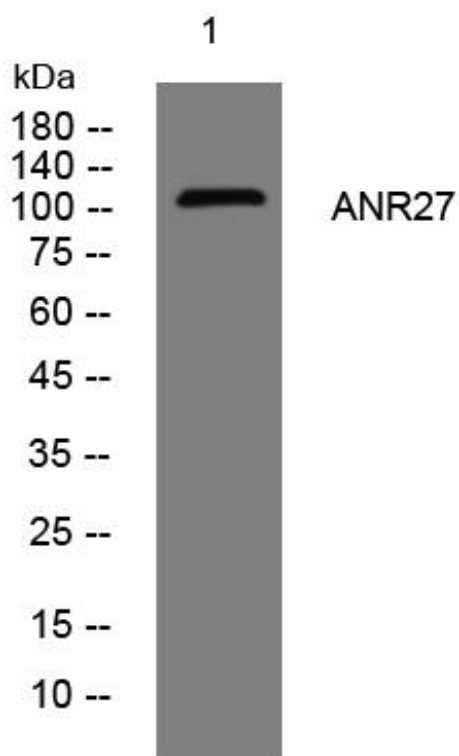


# ANR27 mouse mAb

|                                    |                                                                                                                                                                                                                                                                                                                        |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-mAb-12408                                                                                                                                                                                                                                                                                                           |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                    |
| <b>Reactivity</b>                  | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                        |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                                                                     |
| <b>Gene Name</b>                   | ANKRD27 PP12899                                                                                                                                                                                                                                                                                                        |
| <b>Immunogen</b>                   | Synthesized peptide derived from human ANR27 AA range: 206-256                                                                                                                                                                                                                                                         |
| <b>Specificity</b>                 | This antibody detects endogenous levels of ANR27 at Human/Mouse                                                                                                                                                                                                                                                        |
| <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>                    | VPS9 domain-containing protein;VARP;PP12899;Ankyrin repeat domain-containing protein 27;ANKRD 27;ANR27;ANKRD27 PP12899                                                                                                                                                                                                 |
| <b>Observed Band</b>               |                                                                                                                                                                                                                                                                                                                        |
| <b>Calculated Molecular Weight</b> |                                                                                                                                                                                                                                                                                                                        |
| <b>Cell Pathway</b>                | Early endosome . Late endosome . Cytoplasmic vesicle membrane . Lysosome . Cell membrane . Melanosome . Colocalizes with VAMP7 in transport vesicles in the shaft of hippocampal neurons (By similarity). .                                                                                                            |
| <b>Tissue Specificity</b>          |                                                                                                                                                                                                                                                                                                                        |
| <b>Function</b>                    | function:May be a Rab21 guanine exchange factor and regulate endosome dynamics.,similarity:Contains 1 VPS9 domain.,similarity:Contains 11 ANK repeats.,subcellular location:Mainly localized to early endosomes in the perinuclear region.,subunit:Interacts with RAB21 and RAB5, with a strong preference for RAB21., |
| <b>Background</b>                  |                                                                                                                                                                                                                                                                                                                        |
| <b>matters needing attention</b>   | 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 ANR27 mouse mAb