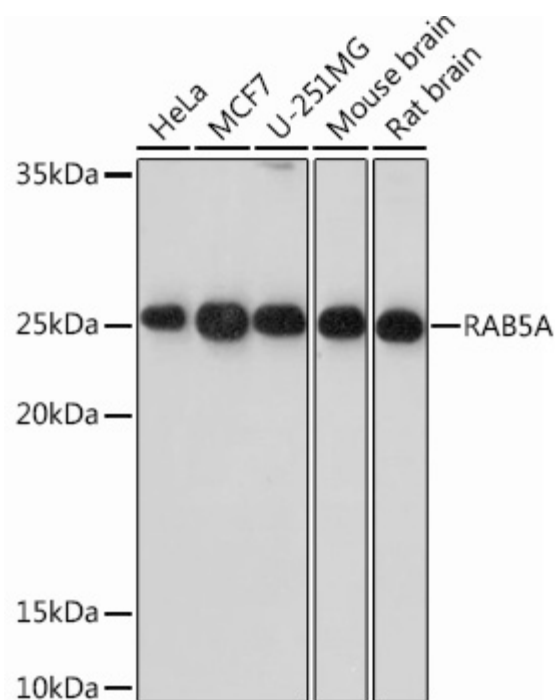


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|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product name:</b>     | RAB5A Rabbit Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                    |
| <b>Cat number:</b>       | MAB-94769                                                                                                                                                                                                                                                                                                                                                           |
| <b>Conjugate:</b>        | Unconjugated                                                                                                                                                                                                                                                                                                                                                        |
| <b>Size:</b>             | 100 ug                                                                                                                                                                                                                                                                                                                                                              |
| <b>Clone:</b>            | ARC0297                                                                                                                                                                                                                                                                                                                                                             |
| <b>Concentration:</b>    | 1mg/ml                                                                                                                                                                                                                                                                                                                                                              |
| <b>Host:</b>             | Rabbit                                                                                                                                                                                                                                                                                                                                                              |
| <b>Isotype:</b>          | IgG                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Immunogen:</b>        | A synthetic peptide corresponding to a sequence within amino acids 116-215 of human RAB5AA.                                                                                                                                                                                                                                                                         |
| <b>Reactivity:</b>       | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                   |
| <b>Applications:</b>     | Western Blot: 1:500 - 1:2000                                                                                                                                                                                                                                                                                                                                        |
| <b>Molecular Weight:</b> | 25kDa                                                                                                                                                                                                                                                                                                                                                               |
| <b>Purification:</b>     | Affinity purification                                                                                                                                                                                                                                                                                                                                               |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                              |
| <b>Buffer:</b>           | PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.                                                                                                                                                                                                                                                                                                       |
| <b>Storage:</b>          | Store at -20°C. Avoid freeze / thaw cycles.                                                                                                                                                                                                                                                                                                                         |
| <b>Background:</b>       | Enables GDP binding activity; GTP binding activity; and GTPase activity. Involved in several processes, including amyloid-beta clearance by transcytosis; early endosome to late endosome transport; and regulation of exocytosis. Located in several cellular components, including cytoplasmic side of early endosome membrane; nucleoplasm; and terminal bouton. |



Western blot analysis of extracts of various cell lines, using RAB5AA Rabbit mAb at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico plus. Exposure time: 30s.