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# Epac2 Rabbit mAb

Catalog # AP78190

## Product Information

| | |
|---|---|
| **Application** | WB |
| **Primary Accession** | Q8WZA2 |
| **Reactivity** | Rat, Human, Mouse |
| **Host** | Rabbit |
| **Clonality** | Monoclonal Antibody |
| **Isotype** | IgG |
| **Conjugate** | Unconjugated |
| **Immunogen** | A synthesized peptide derived from human Epac2 |
| **Purification** | Affinity Purified |
| **Calculated MW** | 115522 |

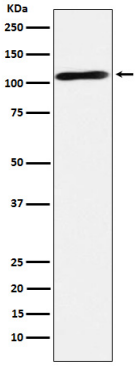
## Additional Information

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|---|---|
| **Gene ID** | 11069 |
| **Other Names** | RAPGEF4 |
| **Dilution** | WB~~1/500-1/1000 |
| **Format** | Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol. |
| **Storage** | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |

## Protein Information

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|---|---|
| **Name** | RAPGEF4 |
| **Synonyms** | CGEF2, EPAC2 |
| **Function** | Guanine nucleotide exchange factor (GEF) for RAP1A, RAP1B and RAP2A small GTPases that is activated by binding cAMP. Does not seem to activate RAB3A. Involved in cAMP-dependent, PKA-independent exocytosis through interaction with RIMS2 (By similarity). |
| **Cellular Location** | Cytoplasm. Membrane; Peripheral membrane protein |
| **Tissue Location** | Predominantly expressed in brain and adrenal gland. Isoform 2 is expressed in liver. Isoform 1 is expressed in liver at very low levels |

## Images




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