

Anti-ADAM22 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P100244

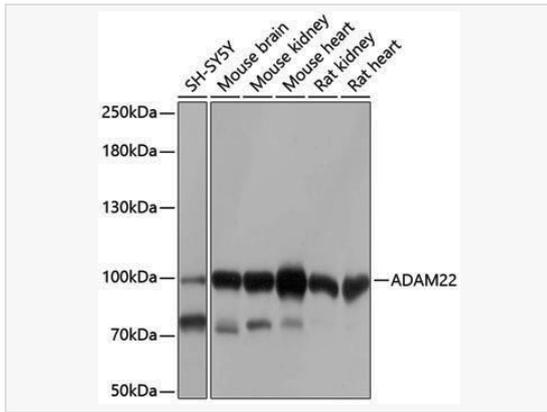
Product Information

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|-------------|---|
| Application | WB, ELISA |
| Reactivity | Human, Mouse, Rat |
| Dilution | WB 1:1,000~1:4,000 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Label | Unconjugated |
| Immunogen | Recombinant fusion protein containing a sequence corresponding to amino acids 223-400 of human ADAM22 (NP_004185.1). |
| Format | Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3. |
| Storage | Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage. |
| Precautions | Anti-ADAM22 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures. |

Protein Information

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|---------------|---|
| Synonyms | MDC2; DEE61; EIEE61; ADAM 22; ADAM22. |
| Calculated MW | Calculated MW: 100 kDa; Observed MW: 100 kDa |
| Uniprot ID | Q9P0K1 |
| Gene ID | 53616 |
| Background | This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. Unlike other members of the ADAM protein family, the protein encoded by this gene lacks metalloprotease activity since it has no zinc-binding motif. This gene is highly expressed in the brain and may function as an integrin ligand in the brain. In mice, it has been shown to be essential for correct myelination in the peripheral nervous system. Alternative splicing results in several transcript variants. |

Validation Images



Western blot analysis of various lysates using ADAM22 Rabbit pAb (P100244) at 1:1,000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25 μ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Kit.

Exposure time: 1s.