

ADAM9 Rabbit pAb

Catalog No.: A5388SP **2 Publications**

Basic Information

Observed MW

100 kDa

Calculated MW

72 kDa/91 kDa

Category

Primary antibody

Applications

WB, IF-P, IHC-P, ELISA

Cross-Reactivity

Human, Mouse, Monkey

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. The protein encoded by this gene interacts with SH3 domain-containing proteins, binds mitotic arrest deficient 2 beta protein, and is also involved in TPA-induced ectodomain shedding of membrane-anchored heparin-binding EGF-like growth factor. Several alternatively spliced transcript variants have been identified for this gene.

Recommended Dilutions

WB 1:1000 - 1:2000**IF-P** 1:200 - 1:500**IHC-P** 1:200 - 1:500

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000)

Immunogen Information

Gene ID

8754

Swiss Prot

Q13443

Immunogen

This information is considered to be commercially sensitive.

Synonyms

MCMP; MDC9; CORD9; Mltng; ADAM9

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

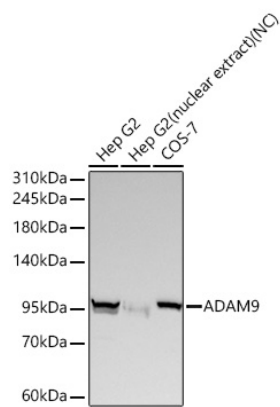
Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide.

May contain 0.05% BSA as specified on the Certificate of Analysis.

Validation Data



Western blot analysis of various lysates using ADAM9 Rabbit pAb (A5388SP) at 1:1000 dilution incubated overnight at 4°C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Negative control (NC): Hep G2(nuclear extract).
Exposure time: 20 s.