

AP14084PU-N**Polyclonal Antibody to ADAM9 / MDC9 (N-term) - Purified****Alternate names:**

Cellular disintegrin-related protein, Disintegrin and metalloproteinase domain-containing protein 9, KIAA0021, MCMP, MLTNG, Meltrin gamma, Metalloprotease/disintegrin/cysteine-rich protein 9, Myeloma cell metalloproteinase

Quantity:

0.4 ml

Concentration:

lot specific

Background:

ADAM9 is 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. This protein 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.

Uniprot ID:[Q13443](#)**NCBI:**[9606](#)**GeneID:**[8754](#)**Host / Isotype:**

Rabbit / Ig

Immunogen:

This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human ADAM9.

Format:**State:** Liquid purified Ig**Purification:** Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS**Buffer System:** PBS with 0.09% (W/V) sodium azide**Applications:**

ELISA: 1/1,000.

Western blotting: 1/50 - 1/100.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

This antibody reacts to ADAM9.

Species: Human, Mouse.

Other species not tested.

Storage:

Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

Caution:

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

General Readings:

1. Weskamp G., Kraetzschmar J., Reid M.S.J. Cell Biol. 132:717-726(1996)
2. Hotoda N., Koike H. Biochem. Biophys. Res. Commun. 293:800-805(2002)
3. McKie N., Edwards T., Dallas D.J. Biochem. Biophys. Res. Commun. 230:335-339(1997)

Pictures:

Western blot analysis of anti-ADAM9 Antibody (N-term) in mouse kidney tissue lysates (35ug/lane). ADAM9 (arrow) was detected using the purified Pab.

