

Rabbit ADAM9 Polyclonal Antibody | anti-ADAM9 antibody

Phospho-ADAM9 (Thr761) Antibody

CATALOG # AAA328259	HOST Rabbit	REACTIVITY Human, Mouse, RatPredicted: Pig, Horse, Rabbit	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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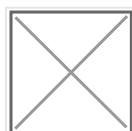
PRODUCT SYNONYMS

ADAM9; Polyclonal Antibody; Phospho-ADAM9 (Thr761) Antibody; A disintegrin and metalloproteinase domain 9; ADAM 9; ADAM metallopeptidase domain 9; Cellular disintegrin related protein; Cone rod dystrophy 9; CORD9; Disintegrin and metalloproteinase domain 9; Disintegrin and metalloproteinase domain containing protein 9; KIAA0021; MCMP; MDC 9; MDC9; Meltrin gamma; Metalloprotease disintegrin cysteine rich protein 9; Mltng; Myeloma cell metalloproteinase; anti-ADAM9 antibody

PRODUCT SPECIFICATIONS

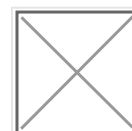
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Horse, Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-ADAM9(Thr761) Antibody detects endogenous levels of ADAM9 only when phosphorylated at Thr761.
Purity/Purification	Purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	712
Applicable Applications for anti-ADAM9 antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ADAM9 around the phosphorylation site of Thr761.
Tissue Specificity	Widely expressed. Expressed in chondrocytes. Isoform 2 is highly expressed in liver and heart.
Subcellular Location	Plasma Membrane; Extracellular Region or Secreted
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of Mouse kidney tissue sample, using Phospho-ADAM9(Thr761) Antibody.



IHC (Immunohistochemistry)

At 1/100 staining mouse kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



IHC (Immunohistochemistry)

At 1/100 staining human kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary

ADDITIONAL INFORMATION

Related Product Information for anti-ADAM9 antibody	Description: Cleaves and releases a number of molecules with important roles in tumorigenesis and angiogenesis, such as TEK, KDR, EPHB4, CD40, VCAM1 and CDH5. May mediate cell-cell, cell-matrix interactions and regulate the motility of cells via interactions with integrins.
	Post Translational Modifications: Proteolytically cleaved in the trans-Golgi network before it reaches the plasma membrane to generate a mature protein. The removal of the pro-domain occurs via cleavage at two different sites. Processed most likely by a pro-protein convertase such as furin, at the boundary between the pro-domain and the catalytic domain. An additional upstream cleavage pro-protein convertase site (Arg-56/Glu-57) has an important role in the activation of ADAM9. Phosphorylation is induced in vitro by phorbol-12-myristate-13-acetate (PMA).
	Subunit Structure: Interacts with SH3GL2 and SNX9 through its cytoplasmic tail (PubMed:10531379). Interacts with ITGA6.

NCBI AND UNIPROT INFORMATION

NCBI GI #	116496893
NCBI GeneID	8754
UniProt Accession #	Q13443
Molecular Weight	Observed: 91 kDa Predicted: 91 kDa
NCBI Official Full Name	ADAM9 protein
NCBI Official Synonym Full Names	ADAM metalloproteinase domain 9
NCBI Official Symbol	ADAM9
NCBI Official Synonym Symbols	MCMP; MDC9; CORD9; Mltng
NCBI Protein Information	disintegrin and metalloproteinase domain-containing protein 9
UniProt Protein Name	Disintegrin and metalloproteinase domain-containing protein 9
UniProt Gene Name	ADAM9
UniProt Synonym Gene Names	KIAA0021; MCMP; MDC9; MLTNG; ADAM 9
UniProt Entry Name	ADAM9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/adam9-antibody-peptide-elisa-immunohistochemistry-western-blot-elisa/328259>