

Datasheet for ABIN2459015
anti-ADAM9 antibody



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Overview

Quantity:	100 µL
Target:	ADAM9
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADAM9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human ADAM9.
Purification:	Antibody is purified by peptide affinity chromatography method.

Target Details

Target:	ADAM9
Alternative Name:	ADAM9 (ADAM9 Products)
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. ADAM9 interacts with SH3 domain-containing proteins, binds mitotic arrest deficient 2 beta protein, and is also

Target Details

involved in TPA-induced ectodomain shedding of membrane-anchored heparin-binding EGF-like growth factor. 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. Two alternative splice variants have been identified, encoding distinct isoforms.

Molecular Weight:	69 kDa
Gene ID:	8754
NCBI Accession:	NP_001005845
UniProt:	B7ZLN7
Pathways:	Cellular Response to Molecule of Bacterial Origin , SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	ADAM9 antibody can be used for detection of ADAM9 by ELISA at 1:312500. ADAM9 antibody can be used for detection of ADAM9 by western blot at 1 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store ADAM9 antibody at -20 °C.



Western Blotting

Image 1.