

Rabbit anti-Mouse, Rat Adam28 Polyclonal Antibody | anti-Adam28 antibody

Anti-Adam28 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA125489	Rabbit	Mouse, Rat	ELISA, Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Adam28; Polyclonal Antibody; Anti-Adam28 Antibody; ADAM metallopeptidase domain 28; anti-Adam28 antibody

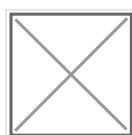
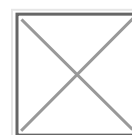
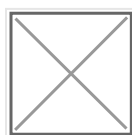
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Applicable Applications for anti-Adam28 antibody	ELISA (Direct ELISA), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived rat Adam28 recombinant protein (Position: K26-K195).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen store at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES


WB (Western Blot)

Figure 1. Western blot analysis of Adam28 using anti-Adam28 antibody.


IHC (Immunohistochemistry)

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FCM/FACS (Flow Cytometry)

ADDITIONAL INFORMATION

Related Product Information for anti-Adam28 antibody	Description: Rabbit IgG polyclonal antibody for Adam28 detection. Tested with WB, IHC-P, FCM, Direct ELISA in Mouse; Rat. Background: Disintegrin and metalloproteinase domain-containing protein 28 is an enzyme that in humans is encoded by the ADAM28 gene. 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 is a lymphocyte-expressed ADAM protein. And this gene is present in a gene cluster with other members of the ADAM family on chromosome 8. Alternative splicing results in multiple transcript variants.
References	1. Bates, E. E. M., Fridman, W. H., Mueller, C. G. F. The ADAMDEC1 (decysin) gene structure: evolution by duplication in a metalloprotease gene cluster on chromosome 8p12. Immunogenetics 54: 96-105, 2002. 2. Bridges, L. C., Tani, P. H., Hanson, K. R., Roberts, C. M., Judkins, M. B., Bowditch, R. D. The lymphocyte metalloprotease MDC-L (ADAM28) is a ligand for the integrin alpha-4/beta-1. J. Biol. Chem. 277: 3784-3792, 2002. 3. Jury, J. A., Perry, A. C. F., Hall, L. Identification, sequence analysis and expression of transcripts encoding a putative metalloproteinase, eMDC II, in human and macaque epididymis. Molec. Hum. Reprod. 5: 1127-1134, 1999.

NCBI AND UNIPROT INFORMATION

NCBI GeneID	290344
UniProt Accession #	E9PTQ3
NCBI Official Synonym Full Names	ADAM metallopeptidase domain 28
NCBI Official Symbol	Adam28
NCBI Protein Information	disintegrin and metalloproteinase domain-containing protein 28

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.