Product Name: ADAM10 Rabbit Monoclonal Antibody
Catalog #: AMRe21072
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Concentration	0.2mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
Purification	Protein A

Application

Dilution Ratio	WB 1:2000-1:10000,IHC 1:200-1:2000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200
Molecular Weight	Calculated MW:84kD;Observed MW:84kD

Antigen Information

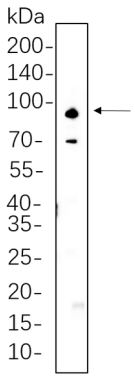
Gene Name	ADAM10
Alternative Names	ADAM10;KUZ;MADM;Disintegrin and metalloproteinase domain-containing protein 10;ADAM 10;CDw156;Kuzbanian protein homolog;Mammalian disintegrin-metalloprotease;CD156c
Gene ID	102.0
SwissProt ID	O14672
Immunogen	A synthetic peptide of human ADAM10

Background

Cell localization:Cell membrane ; Single-pass type I membrane protein . Golgi apparatus membrane ; Single-pass type I membrane protein . Cytoplasmic vesicle, clathrin-coated vesicle . Cell projection, axon . Cell projection, dendrite . Cell junction, adherens junction . Cytoplasm . Is localized in the plasma membrane but is also expressed in the Golgi apparatus and in clathrin-coated vesicles derived likely from the Golgi (PubMed:12475894). During long term depression, it is recruited to the cell membrane by DLG1 (PubMed:23676497). The immature form is mainly located near cytoplasmic fibrillar structures, while the mature form is predominantly located at zonula adherens and the cell membrane (PubMed:30463011). The localization and clustering of mature ADAM10 to zonula adherens is regulated by AFDN, TSPAN33, PLEKHA7 and PDZD11 (PubMed:30463011). ..ADAM metallopeptidase domain 10(ADAM10) Homo sapiens Members of the ADAM family are cell surface proteins with a unique structure possessing both potential adhesion and protease domains. This gene encodes and ADAM family member that cleaves many proteins including TNF-alpha and E-cadherin. Alternate splicing results in multiple transcript variants encoding different proteins that may undergo similar processing. [provided by RefSeq, Feb 2016],

Research Area

Image Data



Jurkat cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with ADAM10 Rabbit Monoclonal Antibody 1:1000. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.