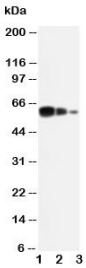
ADAM10 Antibody (R30611)

Catalog No.	Formulation	Size
R30611	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	O14672
Applications	Western blot: 0.5-1ug/ml
Limitations	This ADAM10 antibody is available for research use only.



Western blot testing of ADAM10 antibody and Lane 1: recombinant human protein 10ng; 2: 5ng; 3: 2.5ng

Description

A Disintegrin and Metalloproteinase Domain 10 is also know as AD10. ADAM10 is a member of the ADAM family and members of this family are cell surface proteins with a unique structure possessing both potential adhesion and protease function. The gene is mapped to chromosome 15q21.3-q23. ADAM proteins contain an N-terminal signal sequence, followed by a prodomain, a metalloprotease-like domain, a disintegrin-like domain, a cysteine-rich region, an EGF -like repeat, a transmembrane domain, and a C-terminal cytoplasmic tail. Conversion of the membrane-bound precursor to a secreted mature protein is mediated by a protease termed TNFA convertase. ADAM10 possesses TNFA convertase activity.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the ADAM10 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the C-terminus of human ADAM10 (SVQWSRHFSGRTITLQ) was used as the immunogen for this ADAM10 antibody.

Storage

After reconstitution, the ADAM10 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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