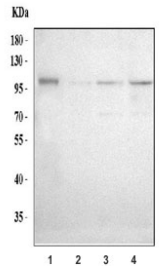
ADAM19 Antibody (R31181)

Catalog No.	Formulation	Size
R31181	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% Trehalose
UniProt	Q9H013
Applications	Western blot: 0.5-1ug/ml
Limitations	This ADAM19 antibody is available for research use only.



Western blot testing human 1) U-251, 2) SH-SY5Y, 3) U-87 MG and 4) U-2 OS cell lysate. Predicted molecular weight: ~105/125 kDa (unmodified/glycosylated).

Description

A Disintegrin and Metalloproteinase Domain 19, also known as MLTNB, is a human gene. This gene encodes a member of the ADAM 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. This member is a type I transmembrane protein and serves as a marker for dendritic cell differentiation. It has also been demonstrated to be an active metalloproteinase, which may be involved in normal physiological and pathological processes such as cells migration, cell adhesion, cell-cell

and cell-matrix interactions, and signal transduction. Hirohata et al.(1998) used radiation hybrids to map ADAM19 to mouse chromosome 11 and to human chromosome 5q32-q33.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the ADAM19 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the N-terminus of human A Disintegrin and Metalloproteinase Domain 19 (RRKLLAQKYHDNA) was used as the immunogen for this ADAM19 antibody.

Storage

After reconstitution, the ADAM19 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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