



## Rabbit Anti-ADAM19 antibody

SL5850R

<b>Product Name:</b>	ADAM19
<b>Chinese Name:</b>	去整合素样金属蛋白酶19抗体
<b>Alias:</b>	A disintegrin and metalloproteinase domain 19 (meltrin beta); A disintegrin and metalloproteinase domain 19; ADAM 19; ADAM metalloproteinase domain 19; Disintegrin and metalloproteinase domain containing protein 19; FKSG 34; FKSG34; MADDAM; Meltrin beta; ADA19_HUMAN; Metalloprotease and disintegrin dendritic antigen marker; MLTN B; MLTNB.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Pig,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	82kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human ADAM19:251-350/955<Extracellular>
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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. This member is a type I transmembrane protein and serves as a marker for dendritic cell differentiation. It has been demonstrated to be an active metalloproteinase, which may be involved in normal physiological processes such as cell migration, cell adhesion, cell-cell and cell-matrix interactions, and signal transduction. It is proposed to play a role in pathological processes, such as cancer, inflammatory diseases, renal diseases, and Alzheimer's disease. [provided by RefSeq, May 2013].

**Function:**

Participates in the proteolytic processing of beta-type neuregulin isoforms which are involved in neurogenesis and synaptogenesis, suggesting a regulatory role in glial cell. Also cleaves alpha-2 macroglobulin. May be involved in osteoblast differentiation and/or osteoblast activity in bone (By similarity).

**Subunit:**

Interacts with SH3PXD2A.

**Subcellular Location:**

Membrane; Single-pass type I membrane protein.

**Tissue Specificity:**

Expressed in many normal organ tissues and several cancer cell lines.

**Post-translational modifications:**

The precursor is cleaved by a furin endopeptidase (By similarity).

**Similarity:**

Contains 1 disintegrin domain.

Contains 1 EGF-like domain.

Contains 1 peptidase M12B domain.

**SWISS:**

Q9H013

**Gene ID:**

8728

**Database links:**

[Entrez Gene: 8728](#)Human

[Entrez Gene: 11492](#)Mouse

[Entrez Gene: 303068](#)Rat

[Oimim: 603640](#)Human

[SwissProt: Q9H013](#)Human

[SwissProt: Q35674](#)Mouse

[SwissProt: Q14BL7](#)Mouse

[SwissProt: Q80UF6](#)Mouse

[Unigene: 89940](#)Mouse

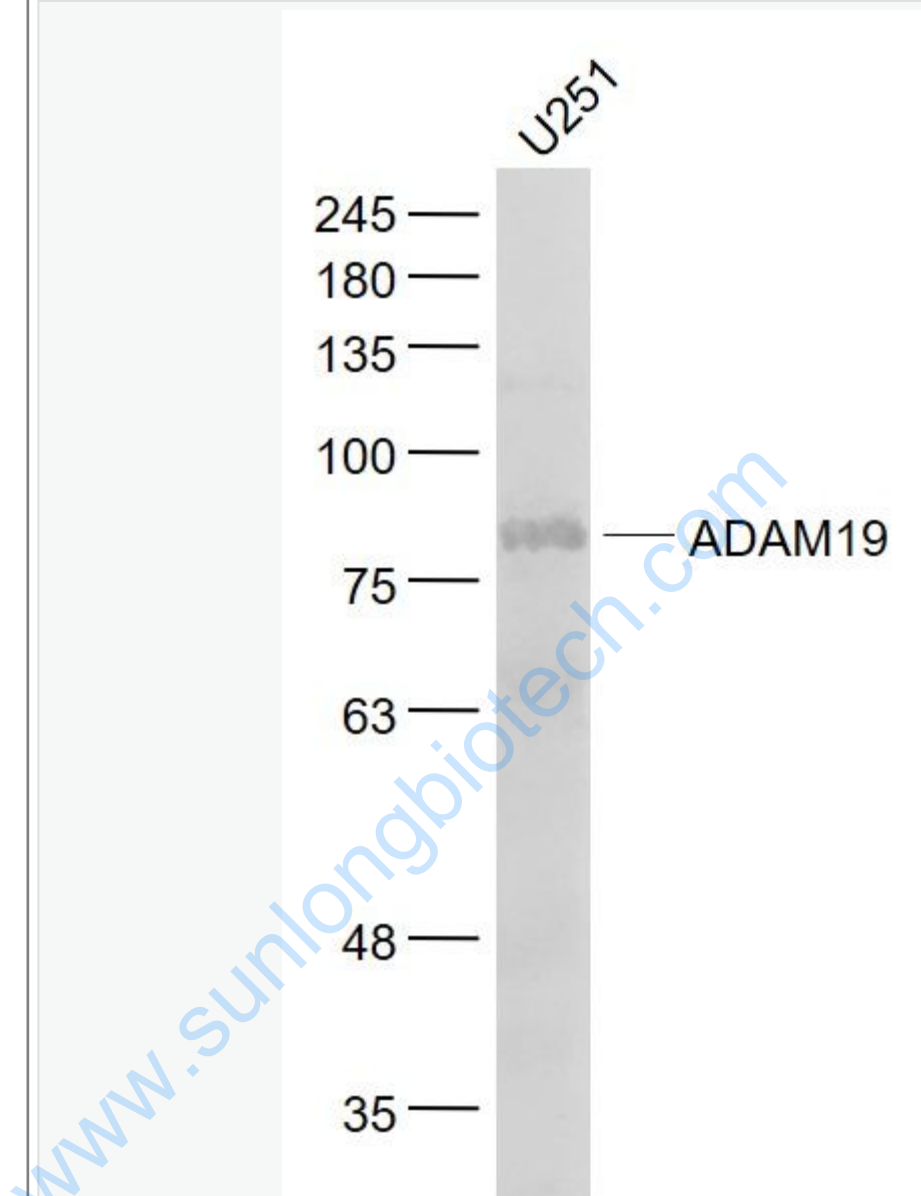
**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Extracellular matrix 蛋白

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Picture:



Sample:

U251(Human) Cell Lysate at 30 ug

Primary: Anti- ADAM19 (SL5850R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 82 kD

	Observed band size: 82 kD
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