

## ADA19 Rabbit pAb

CatalogNo: YN0405

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB, ELISA

#### MW

- 105kD (Observed)

#### Isotype

- IgG

### Recommended Dilution Ratios

**WB 1:500-2000**

**ELISA 1:5000-20000**

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human protein . at AA range: 180-260

**Specificity** ADA19 Polyclonal Antibody detects endogenous levels of protein.

### Target Information

**Gene name** ADAM19 MLTNB FKSG34

<b>Protein Name</b>	Disintegrin and metalloproteinase domain-containing protein 19 (ADAM 19) (Meltrin-beta) (Metalloprotease and disintegrin dendritic antigen marker) (MADDAM)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">8728;</a>	<a href="#">Q9H013;</a>
	Mouse		<a href="#">O35674;</a>
<b>Cellular Localization</b>	Membrane; Single-pass type I membrane protein.		
<b>Tissue specificity</b>	Expressed in many normal organ tissues and several cancer cell lines.		
<b>Function</b>	cofactor: Binds 1 zinc ion per subunit., Domain: The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc ion, thus inhibiting the enzyme. The dissociation of the cysteine from the zinc ion upon the activation-peptide release activates the enzyme., 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., induction: By 1,25(OH)2VD3 in monocytes., PTM: The precursor is cleaved by a furin endopeptidase., similarity: Contains 1 disintegrin domain., similarity: Contains 1 EGF-like domain., similarity: Contains 1 peptidase M12B domain., subunit: Interacts with SH3PXD2A., tissue specificity: Expressed in many normal organ tissues and several cancer cell lines.,		

| Validation Data

| Contact information

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