

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

Protein Name Disintegrin and metalloproteinase domain-containing protein 19 (ADAM 19) (Meltrin-beta) (Metalloprotease and disintegrin dendritic antigen marker) (MADDAM)

Organism	Gene ID	UniProt ID
Human	8728;	Q9H013;
Mouse		O35674;

Cellular Localization Membrane; Single-pass type I membrane protein.

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

Function 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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ADA19 Rabbit pAb

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