

Datasheet for ABIN358695
anti-MMP25 antibody (C-Term)



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Overview

Quantity:	0.4 mL
Target:	MMP25
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MMP25 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human MMP25.
Isotype:	Ig Fraction
Specificity:	This antibody reacts to MMP25.
Purification:	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS

Target Details

Target:	MMP25
Alternative Name:	MMP-25 (MMP25 Products)

Target Details

Background: Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMPs are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. However, MMP25 is a member of the membrane-type MMP (MT-MMP) subfamily, each member of this subfamily contains a potential transmembrane domain suggesting that these proteins are expressed at the cell surface rather than secreted. In addition, it is thought that this protein is activated intracellularly by furin-like enzymes. This protein activates MMP2 by cleavage. The gene has previously been referred to as MMP20 but has been renamed matrix metalloproteinase 25 (MMP25). Synonyms: Leukolysin, MMP20, MMP25, MMPL1, MT-MMP 6, MT6-MMP, MT6MMP, Matrix metalloproteinase-25, Membrane-type matrix metalloproteinase 6

Gene ID: 64386, 5874

UniProt: [Q9NPA2](#)

Application Details

Application Notes: ELISA: 1/1,000. Western blotting: 1/100 - 1/500.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

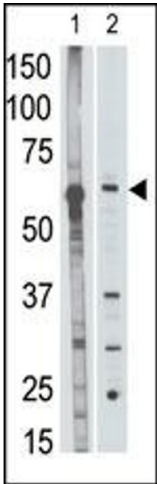


Image 1.