

Datasheet for ABIN2789901

anti-MMP25 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	MMP25
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MMP25 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	FGHALGLGHS SAPNSIMRPF YQGPVGDPDK YRLSQDDRDG LQQLYGKAPQ
Predicted Reactivity:	Dog: 82%, Guinea Pig: 86%, Horse: 86%, Human: 100%, Mouse: 79%, Rabbit: 100%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against MMP25. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	MMP25
Alternative Name:	MMP25 (MMP25 Products)
Background:	Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development,

Target Details

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, the protein encoded by this gene is a member of the membrane-type MMP (MT-MMP) subfamily, attached to the plasma membrane via a glycosylphosphatidyl inositol anchor. In response to bacterial infection or inflammation, the encoded protein is thought to inactivate alpha-1 proteinase inhibitor, a major tissue protectant against proteolytic enzymes released by activated neutrophils, facilitating the transendothelial migration of neutrophils to inflammatory sites. The encoded protein may also play a role in tumor invasion and metastasis through activation of MMP2. The gene has previously been referred to as MMP20 but has been renamed MMP25.

Alias Symbols: MMP20, MMP20A, MMPL1, MT-MMP6, MT6-MMP

Protein Interaction Partner: CLU, MMP2,

Protein Size: 562

Molecular Weight: 48 kDa

Gene ID: 64386

NCBI Accession: [NM_022468](#), [NP_071913](#)

UniProt: [Q9NPA2](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 562 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

