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Datasheet for ABIN2790815
anti-MMP27 antibody (Middle Region)

1 Image

Overview

Quantity:	100 µL
Target:	MMP27
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Pig, Rabbit, Zebrafish (Danio rerio), Cow, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MMP27 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human MMP27
Sequence:	GDTHFDEDEN WTKDGAGFNL FLVAAHEFGH ALGLSHSNDQ TALMFPNYVS
Predicted Reactivity:	Cow: 100%, Dog: 93%, Horse: 100%, Human: 100%, Mouse: 80%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against MMP27. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	MMP27
Alternative Name:	MMP27 (MMP27 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 MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases.

Alias Symbols: MMP-27

Protein Interaction Partner: TUBG1,

Protein Size: 513

Molecular Weight: 59 kDa

Gene ID: 64066

NCBI Accession: [NM_022122](#), [NP_071405](#)

UniProt: [Q9H306](#)

Application Details

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

Comment: Antigen size: 513 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 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.



Western Blotting

Image 1. Host: Rabbit Target Name: MMP27 Sample Type: Fetal Lung lysates Antibody Dilution: 1.0ug/ml