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# Datasheet for ABIN2790815 anti-MMP27 antibody (Middle Region)

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)

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### 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

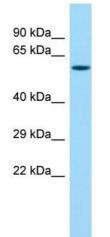
### Application Details

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.

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#### Western Blotting

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

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