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Datasheet for ABIN2776885 anti-MASP2 antibody (N-Term)

3 Images



Overview

Quantity:	100 µL
Target:	MASP2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Horse, Dog, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MASP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human MASP2
Sequence:	FPGEYANDQE RRWTLTAPPG YRLRLYFTHF DLELSHLCEY DFVKLSSGAK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Zebrafish: 77%
Characteristics:	This is a rabbit polyclonal antibody against MASP2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	MASP2

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Target Details	
Alternative Name:	MASP2 (MASP2 Products)
Background:	The Ra-reactive factor (RARF) is a complement-dependent bactericidal factor that binds to the Ra and R2 polysaccharides expressed by certain enterobacteria. Alternate splicing of this gene results in two transcript variants encoding two RARF components th Alias Symbols: MAP19, MASP-2, sMAP, MASP1P1 Protein Interaction Partner: Dlg4, SERPING1, MASP2, FCN2, MBL2, MASP1, Protein Size: 686
Molecular Weight:	27 kDa
Gene ID:	10747
NCBI Accession:	NM_006610, NP_006601
UniProt:	000187
Pathways:	Complement System

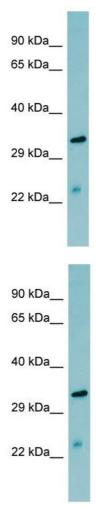
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 686 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. WB Suggested Anti-MASP2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: OVCAR-3 cell lysate MASP2 is strongly supported by BioGPS gene expression data to be expressed in Human OVCAR3 cells

Western Blotting

Image 2. WB Suggested Anti-MASP2 Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:.2500 Positive Control: OVCAR-3 cell lysate MASP2 is strongly supported by BioGPS gene expression data to be expressed in Human OVCAR3 cells



Immunohistochemistry

Image 3. Rabbit Anti-MASP2 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Adult Liver Observed Staining: Cytoplasm in hepatocytes, weak signal, wide tissue distribution Primary Antibody Concentration: 1:100 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 – 2.0 sec Protocol located in Reviews and Data.