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Datasheet for ABIN905745

anti-MASP1 antibody (AA 20-120) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	MASP1
Binding Specificity:	AA 20-120
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MASP1 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MASP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	MASP1
Alternative Name:	Masp (MASP1 Products)
Background:	Synonyms: 3MC1, MAP1, MASP, RaRF, CRARF, MASP3, MAp44, PRSS5, CRARF1, Mannan-

Target Details

binding lectin serine protease 1, Complement factor MASP-3, Complement-activating component of Ra-reactive factor, Mannose-binding lectin-associated serine protease 1, MASP-1, Mannose-binding protein-associated serine protease, Ra-reactive factor serine protease p100, Serine protease 5, MASP1

Background: Functions in the lectin pathway of complement, which performs a key role in innate immunity by recognizing pathogens through patterns of sugar moieties and neutralizing them. The lectin pathway is triggered upon binding of mannan-binding lectin (MBL) and ficolins to sugar moieties which leads to activation of the associated proteases MASP1 and MASP2. Functions as an endopeptidase and may activate MASP2 or C2 or directly activate C3 the key component of complement reaction. Isoform 2 may have an inhibitory effect on the activation of the lectin pathway of complement or may cleave IGFBP5.

Gene ID:	5648
UniProt:	P48740
Pathways:	Complement System

Application Details

Application Notes:	IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months