10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Masp2 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI11910

Product Information

Application	WB
Primary Accession	Q91WP0
Other Accession	NM_001003893, NP_001003893
Reactivity	Human, Mouse, Rat, Zebrafish, Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Chicken, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	75517

Additional Information

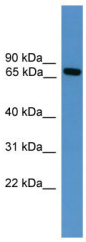
Gene ID	17175
Alias Symbol	MASP-2, MAp19
Other Names	Mannan-binding lectin serine protease 2, 3.4.21.104, MBL-associated serine protease 2, Mannose-binding protein-associated serine protease 2, MASP-2, Mannan-binding lectin serine protease 2 A chain, Mannan-binding lectin serine protease 2 B chain, Masp2
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Masp2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Masp2 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Masp2 {ECO:0000303|PubMed:10586086, ECO:0000312|MGI:MGI:1330832}
Function	Precursor of a serum protease that activates the lectin pathway of the complement system, a cascade of proteins that leads to phagocytosis and breakdown of pathogens and signaling that strengthens the adaptive immune system. The lectin complement system is activated following association of lectins, such as MBL2, FCN1, FCN2 or FCN3, to carbohydrates on the pathogen surface. MASP2 is cleaved and activated by MASP1 in response to lectin-binding to pathogen carbohydrates. Can activate prothrombin to thrombin.

Cellular Location Secreted {ECO:0000250|UniProtKB:O00187}.

Images



WB Suggested Anti-Masp2 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: Mouse Heart

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.