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Anti-MASP2 / MASP-2 Antibody (Internal)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18435

Product Information

Application	WB, IHC-P
Primary Accession	O00187
Predicted	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	75702
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	10747
Alias Symbol	MASP2
Other Names	MASP2, MASP1P1, MASP2-PEN, Small MBL-associated protein, MAP19, MASP-2, SMAP
Target/Specificity	Recognizes endogenous levels of MASP2 protein.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-MASP2 / MASP-2 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	MASP2 {ECO:0000303|PubMed:9087411, ECO:0000312|HGNC:HGNC:6902}
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 (PubMed:11527969, PubMed:22691502). The lectin complement system is activated following association of lectins, such as MBL2, FCN1, FCN2 or FCN3, to carbohydrates on the pathogen surface (PubMed:22691502, PubMed:22966085). MASP2 is cleaved and activated by MASP1 in response to lectin-binding to pathogen carbohydrates (PubMed:10946292, PubMed:22949645, PubMed:22966085, PubMed:9087411). Can activate prothrombin to thrombin (PubMed:39924859).
Cellular Location	Secreted.
Tissue Location	Plasma..

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