

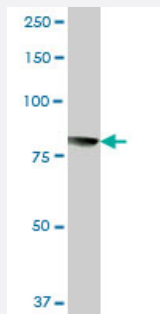
MaxPab®

CAPN1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000823-B01P

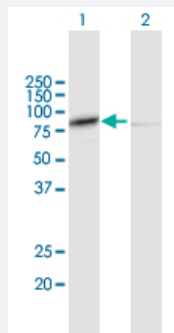
Size 50 ug

Applications



Western Blot (Tissue lysate)

CAPN1 MaxPab polyclonal antibody. Western Blot analysis of CAPN1 expression in human liver.

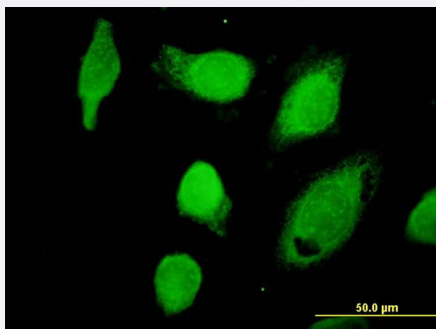


Western Blot (Transfected lysate)

Western Blot analysis of CAPN1 expression in transfected 293T cell line ([H00000823-T01](#)) by CAPN1 MaxPab polyclonal antibody.

Lane 1: CAPN1 transfected lysate(78.54 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to CAPN1 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human CAPN1 protein.

Immunogen	CAPN1 (NP_005177.2, 1 a.a. ~ 714 a.a) full-length human protein.
Sequence	MSEEIITPVYCTGVSAQVQKQRARELGLGRHENAIIKYLQQDYEQLRVRCQLQSGTLFRDEAFPPVP QSLGYKDLGPNSSKTYGIKWKRPTELLSNPQFVDGATRTDICQGALGDCWLLAAIASLTLNDTLLH RVVPHGQSFQNGYAGIFHFQLWQFGEWVDVVDDLLPIKDGKLVFVHSAEGNEFWSALLEKAYA KVNGSYEALSGGSTSEGFEDFTGGVTEWYELRKAPSDLYQIILKALERGSLLGCSIDISSVLDMEAI TFKKLVKGHAYSVTGAKQVNYRGQVVSILMRNPWGEVEWTGAWSDDSSSEWNNVDPYERDQL RVKMEDGEFWMSFRDFMREFTRLEICNLTPDALKSRTIRKWNTTLYEGTWRRGSTAGGCRNYP TFWVNPQFKIRLDETDPPDDYGDRESGCSFVLALMQKHRRRERRFRGRDMETIGFAVYEVPPPELV GQPAVHLKRDFFLANASRARSEQFINLREVSTRFRLPPGEYVVVPSTFEPNKEGDFVLRFFSEKS AGTVELDDQIQANLPDEQVLSEEEIDENFKALFRQLAGEDMEISVKELRTLNRISKHKDLRTKGFS LESCRSVMNLMDRDGNGLGLVEFNILWNRIRNYLSIFRKFDLDKSGSMSAYEMRMAIESAGFKL NKKLYELIITRYSEPD LAVDFDNFVCCLVRLETMFRFFKTLDTLDGVVTFDLFKWLQLTMFA
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

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[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of CAPN1 expression in transfected 293T cell line ([H00000823-T01](#)) by CAPN1 MaxPab polyclonal antibody.

Lane 1: CAPN1 transfected lysate(78.54 KDa).

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to CAPN1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — CAPN1

Entrez GeneID	823
GeneBank Accession#	NM_005186
Protein Accession#	NP_005177.2
Gene Name	CAPN1
Gene Alias	CANP, CANP1, CANPL1, muCANP, muCL
Gene Description	calpain 1, (mu/l) large subunit
Omim ID	114220
Gene Ontology	Hyperlink
Gene Summary	The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consist of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes the large subunit of the ubiquitous enzyme, calpain 1. [provided by RefSeq]
Other Designations	calcium-activated neutral proteinase calpain 1, large subunit calpain, large polypeptide L1 cell proliferation-inducing protein 30

Pathway

- [Apoptosis](#)