

Datasheet

CAPN1 MaxPab rabbit polyclonal antibody (D01)

Catalog Number: H00000823-D01

Regulation Status: For research use only (RUO)

Product Description: Rabbit 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:

MSEEIITPVYCTGVSAQVQKQRARELGLGRHENAKEYL
GQDYEQLRVRLQSGTLFRDEAFPPVPQSLGYKDLG
PNSSKTYGIKWKRPTTELLSNPQFIVDGATRTDICQGAL
GDCWLLAAIASLTLDNTLLHRVPHGQSFQNGYAGIFH
FQLWQFGEWVDVVVDLLPIKDGKLVFVHSAEGNEF
WSALLEKAYAKVNGSYEALSGGSTSEGFEDFTGGVTE
WYELRKAPSDLYQIILKALERGSLLGCSIDISSVLDMEAI
TFKKLVKGHAYSVTGAKQVNYRGQVVSILMRNPWG
EVEWTGAWSDDSSSEWNNVDPYERDQLRVKMEDGEF
WMSFRDFMREFTRLEICNLTPDALKSRTIRKWNTTLYE
GTWRRGSTAGGCRNYPATFWVNPQFKIRLDETDDPD
DYGDRESGCSFVLALMQKHRRRERRFRGRDMETIGFA
VYEVPPPELVGQPAVHLKRDFFLANASRARSEQFINLRE
VSTRFRLPPGEYVVVPSTFEPNKEGDFVLRFFSEKSA
GTVELDDQIQANLPDEQVLSEEEIDENFKALFRQLAGE
DMEISVKELRTLNRISKHKDLRTKGFSLESCRS MVNL
MDRDGNGKLGLEFNLWNRI RNYSIFRKFDLDKSGS
MSAYEMRMAIESAGFKLNKKLYELIITRYSEPD LAVDFD
NFVCCLVRL ETMFRFFKTLDTDLGVVTFDLFKWLQLT
MFA

Host: Rabbit

Reactivity: Human

Applications: IF, IP, WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: No additive

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 823

Gene Symbol: CAPN1

Gene Alias: CANP, CANP1, CANPL1, muCANP, muCL

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]