

Datasheet for ABIN499571

anti-Caspase 6 antibody (N-Term)

2 Images



[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	Caspase 6 (CASP6)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Virus Casp-6 / Mch2 (N-Terminus) Peptide
Isotype:	IgG
Specificity:	Caspase-6 antibody was raised against a 15 amino acid peptide from near the amino-terminus of human Caspase-6.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	Caspase 6 (CASP6)
Alternative Name:	Caspase-6 (CASP6 Products)
Background:	Caspases are a family of cysteine proteases that can be divided into the apoptotic and

Target Details

inflammatory caspase subfamilies. Unlike the apoptotic caspases, members of the inflammatory subfamily are generally not involved in cell death but are associated with the immune response to microbial pathogens (reviewed in 1 and 2). The apoptotic subfamily can be further divided into initiator caspases, which are activated in response to death signals, and executioner caspases, which are activated by the initiator caspases and are responsible for cleavage of cellular substrates that ultimately lead to cell death (reviewed in 3). Caspase-6 is an executioner caspase that was identified based on its homology with human caspases 2 and 3 as well as the *C. elegans* cell death protein CED-3 (4). It possesses two isoforms, of which only the longer form possesses protease activity (4). Caspase-6 is highly expressed in adult brain and may play a role in several neuronal pathologies (5). Synonyms: Apoptotic protease Mch-2, CASP-6, CASP6, MCH-2, MCH2

Gene ID:	839
NCBI Accession:	NP_001217
UniProt:	P55212
Pathways:	Apoptosis , Caspase Cascade in Apoptosis

Application Details

Application Notes:	ELISA. Western Blot: Caspase-6 antibody can be used for the detection of caspase-6 at 0.5 µg/mL. Depending on cell lines or tissues used, either full-length or other cleavage products maybe observed. Immunocytochemistry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
--------------------	---

Restrictions:	For Research Use only
---------------	-----------------------

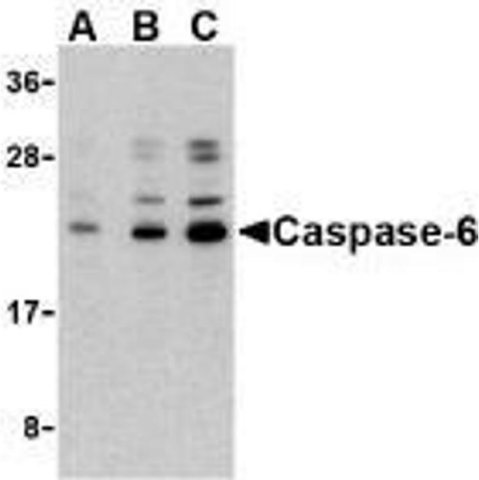
Handling

Buffer:	PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C.



Immunofluorescence

Image 1. Immunocytochemistry of caspase-6 in Jurkat cells with AP30202PU-N caspase-6 antibody at 2 µg/ml.



Western Blotting

Image 2. Western blot analysis of caspase-6 in Jurkat cell lysate with AP30202PU-N caspase-6 antibody at (A) 0.5, (B) 1, and (C) 2 µg/ml.