

Datasheet for ABIN6990522

anti-Caspase 6 antibody (AA 160-210)



[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	Caspase 6 (CASP6)
Binding Specificity:	AA 160-210
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Caspase-6 antibody was raised against a 15 amino acid synthetic peptide from near the center of human Caspase-6. The immunogen is located within amino acids 160 - 210 of Caspase-6.
Isotype:	IgG
Specificity:	Depending on cell lines or tissues used, either full-length or other cleavage products may be observed.
Purification:	Caspase-6 Antibody is immunoaffinity purified .

Target Details

Target:	Caspase 6 (CASP6)
Alternative Name:	Caspase-6 (CASP6 Products)

Target Details

Background:	Caspase-6 Antibody: Caspases are a family of cysteine proteases that can be divided into the apoptotic and 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. 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. Caspase-6 is an executioner caspase that was identified based on its homology with human caspases 2 and 3 as well as the <i>C. elegans</i> cell death protein CED-3. It possesses two isoforms, of which only the longer form possesses protease activity. Caspase-6 is highly expressed in adult brain and may play a role in several neuronal pathologies.
Gene ID:	839
NCBI Accession:	NP_001217
UniProt:	P55212
Pathways:	Apoptosis , Caspase Cascade in Apoptosis

Application Details

Application Notes:	Casp-6 antibody can be used for the detection of Caspase-6 by Western blot at 1 and 2 µg/mL. Antibody can also be used for immunocytochemistry starting at 1 µg/mL. For immunofluorescence start at 10 µg/mL. Antibody validated: Western Blot in human samples, Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Caspase-6 Antibody is supplied in 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.

Handling

Storage: -20 °C, 4 °C

Storage Comment: Caspase-6 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.