

Datasheet for ABIN7384068 **anti-Caspase 7 antibody**

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Overview

Quantity:	60 µL
Target:	Caspase 7 (CASP7)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human Caspase-7 (NP_001218.1).
Isotype:	IgG
Purification:	Affinity purification

Target Details

Target:	Caspase 7 (CASP7)
Alternative Name:	Caspase-7 (CASP7 Products)
Background:	CASP7,CASP-7,CMH-1,ICE-LAP3,LICE2,MCH3,caspase-7,Casp7,This gene encodes a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. The precursor of the encoded protein

Target Details

is cleaved by caspase 3 and 10, is activated upon cell death stimuli and induces apoptosis.
Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Molecular Weight: Observed_MW: 37 kDa
Calculated_MW: 28 kDa/31 kDa/34 kDa/37 kDa

Gene ID: 840

UniProt: [P55210](#)

Pathways: [Apoptosis](#), [Caspase Cascade in Apoptosis](#), [Positive Regulation of Endopeptidase Activity](#)

Application Details

Application Notes: WB 1:500-1:2000 IHC 1:50-1:200 IF 1:50-1:200

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

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: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.