

Datasheet for ABIN7112370 **anti-Caspase 9 antibody**

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Overview

Quantity:	100 µg
Target:	Caspase 9 (CASP9)
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Caspase 9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	caspase 9, apoptosis-related cysteine peptidase
Clone:	1F9
Isotype:	IgG1
Purification:	Protein A+G purification
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	Caspase 9 (CASP9)
Alternative Name:	Caspase 9 (CASP9 Products)
Background:	Synonyms: APAF 3, APAF3, Apoptotic protease Mch 6, CASP 9, CASP9, Caspase 9, Caspase 9/p35/p10, CASPASE 9c, Caspase9, Caspase-9, ICE LAP6, ICE like apoptotic protease 6, MCH6

Target Details

Background:Caspase 9, apoptosis-related cysteine protease(CASP9, synonyms: MCH6, APAF3, APAF-3, ICE-LAP6, CASPASE-9c)is 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 2 subunits, large and small, that dimerize to form the active enzyme. Caspase 9 is processed by APAF1, this step is thought to be one of the earliest in the caspase activation cascade

Molecular Weight: 46 kDa, 36 kDa

Gene ID: 842

UniProt: [P55211](#)

Pathways: [MAPK Signaling](#), [RTK Signaling](#), [Apoptosis](#), [Caspase Cascade in Apoptosis](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Positive Regulation of Endopeptidase Activity](#)

Application Details

Application Notes: WB: 1:500-1:2000, IP: 1:500-1:1000, IHC: 1:100-1:400, IF: 1:50-1:500

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 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: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months