

Caspase 9 Antibody | anti-CASP-9 antibody

Caspase 9 (Phospho-Tyr153) Antibody

CATALOG # AAA266933	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Western Blot
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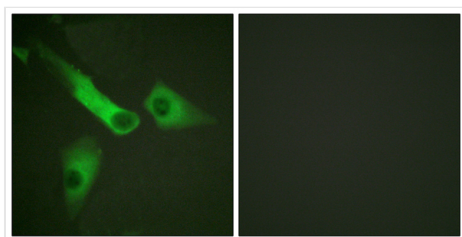
PRODUCT SYNONYMS

Caspase 9; Caspase 9 (Phospho-Tyr153) Antibody; APAF-3; Apoptotic protease Mch-6; Apoptotic protease activating factor 3; Caspase-9; Caspase-9 precursor; Caspase9; EC 3.4.22.-; ICE-LAP6; ICE-like apoptotic protease 6; MCH6; RNCASP9; anti-CASP-9 antibody

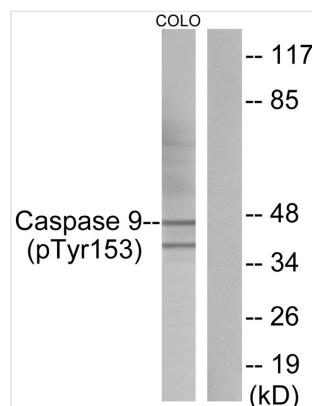
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	Caspase 9 (Phospho-Tyr153) antibody detects endogenous levels of Caspase 9 only when phosphorylated at tyrosine 153.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	416
Applicable Applications for anti-CASP-9 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Caspase 9 around the phosphorylation site of tyrosine 153 (L-A-YP-I-L).
All Sites	Human: Tyr153 Mouse: Tyr191 Rat: Tyr191
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES


WB (Western Blot)

P-peptide-+ Western blot analysis of extracts from COLO205 cells, using Caspase 9 (Phospho-Tyr153) antibody. Immunofluorescence analysis of HeLa cells, using Caspase 9 (Phospho-Tyr153) antibody.


Application Data

ADDITIONAL INFORMATION

Product Categories/Family for anti-CASP-9 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Duan H., J. Biol. Chem. 271:16720-16724(1996). Srinivasula S.M., J. Biol. Chem. 271:27099-27106(1996). Hadano S., Mamm. Genome 10:757-760(1999).

NCBI AND UNIPROT INFORMATION

NCBI GI #	14790124
NCBI GeneID	842
NCBI Accession #	NP_001220.2
NCBI GenBank Nucleotide #	NM_001229.4
UniProt Accession #	P55211; O95348; Q53Y70; Q5JRU9; Q5UGI1; Q92852; Q9BQ62; Q9UEQ3; Q9UIJ8; B4E1A3
Molecular Weight	36,564 Da
NCBI Official Full Name	caspase-9 isoform alpha
NCBI Official Synonym Full Names	caspase 9
NCBI Official Symbol	CASP9
NCBI Official Synonym Symbols	MCH6; APAF3; APAF-3; PPP1R56; ICE-LAP6
NCBI Protein Information	caspase-9
UniProt Protein Name	Caspase-9
UniProt Gene Name	CASP9
UniProt Synonym Gene Names	MCH6; CASP-9; APAF-3; ICE-LAP6

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/casp-9-human-mouse-rat-antibody/caspase-9/266933>