

anti-Human Caspase 9 Antibody | anti-CASP-9 antibody

Caspase 9 (Phospho-Ser144) Antibody

CATALOG # AAA111930	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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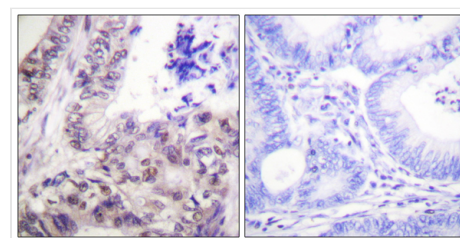
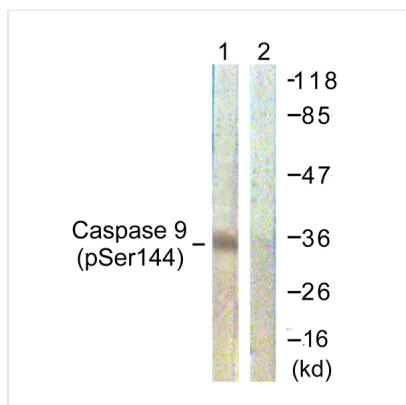
PRODUCT SYNONYMS

Caspase 9; Caspase 9 (Phospho-Ser144) 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
Specificity	Caspase 9 (Phospho-Ser144) antibody detects endogenous levels of Caspase 9 only when phosphorylated at serine 144.
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, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Caspase 9 around the phosphorylation site of serine 144 (L-E-SP-L-R).
All Sites	Human: Ser144
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma using Caspase 9 (Phospho-Ser144) antibody. Western blot analysis of extracts from K562 cells, using Caspase 9 (Phospho-Ser144) antibody.

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	Yuanming Hu, J. Biol. Chem., Dec 1998; 273: 33489. C.S. Thota, Biol Reprod, Dec 2005; 73: 1191-1198. Eric J. Vallender, Hum. Mol. Genet., Oct 2006; 15: 3034-3040.

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-antibody/caspase-9/111930>