

Caspase 3 Antibody | anti-CASP-3 antibody

Caspase 3 (Phospho-Ser150) Antibody

CATALOG # AAA267517	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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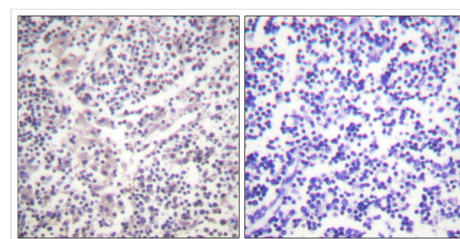
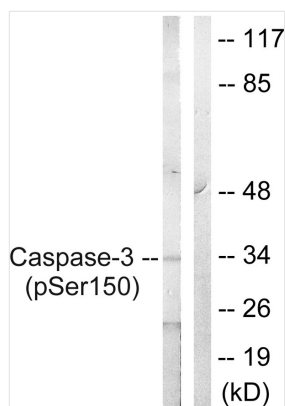
PRODUCT SYNONYMS

Caspase 3; Caspase 3 (Phospho-Ser150) Antibody; Apopain precursor; CPP-32; CPP32; Caspase-3; Cysteine protease CPP32; EC 3.4.22.-; ICE3; SCA-1; SREBP cleavage activity 1; Yama protein; anti-CASP-3 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	Caspase 3 (Phospho-Ser150) antibody detects endogenous levels of Caspase 3 only when phosphorylated at serine 150.
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	277
Applicable Applications for anti-CASP-3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Caspase 3 around the phosphorylation site of serine 150 (C-R-SP-L-T).
All Sites	Human: Ser150 Mouse: Ser150 Rat: Ser150
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lymph node tissue using Caspase 3 (Phospho-Ser150) antibody. Western blot analysis of extracts from Jurkat cells, treated with Etoposide (25μM, 60mins), using Caspase 3 (Phospho-Ser150) antibody.

ADDITIONAL INFORMATION

References	Daniela Sciaky, J. Immunol., Apr 2000; 164: 3806. Randolph Hutter, Circulation, Apr 2004; 109: 2001-2008. Andreas Hartmann, PNAS, Mar 2000; 97: 2875. Keith F. Izban, Am. J. Pathol., May 1999; 154: 1439.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14790119
NCBI GeneID	836
NCBI Accession #	NP_004337.2
NCBI GenBank Nucleotide #	NM_004346.3
UniProt Accession #	P42574; Q96AN1; Q96KP2; A8K5M2; D3DP53
Molecular Weight	31,608 Da
NCBI Official Full Name	caspase-3 isoform a preproprotein
NCBI Official Synonym Full Names	caspase 3
NCBI Official Symbol	CASP3
NCBI Official Synonym Symbols	CPP32; SCA-1; CPP32B
NCBI Protein Information	caspase-3
UniProt Protein Name	Caspase-3
UniProt Gene Name	CASP3
UniProt Synonym Gene Names	CPP32; CASP-3; CPP-32; SCA-1

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/casp-3-human-mouse-rat-antibody/caspase-3/267517>