

Cleaved-Caspase-7 (S199) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01899
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Caspase 7. AA range:180-229
Mol wt	34277
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	Cleaved-Caspase-7 (S199) Antibody
Synonyms	CASP7; MCH3; Caspase-7; CASP-7; Apoptotic protease Mch-3; CMH-1; ICE-like apoptotic protease 3; ICE-LAP3

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

CASP7 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 caspase 7 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 CASP7.

Recommended Dilution

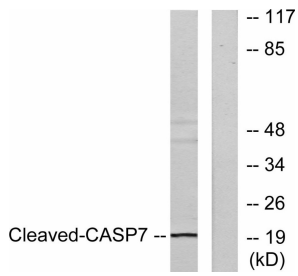
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

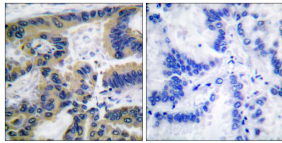
ELISA: 1: 40000

Not yet tested in other applications.

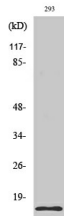
Images



Western blot analysis of lysates from 293 cells, treated with Etoposide 25uM 60', using Caspase 7 (Cleaved-Asp198) Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using Caspase 7 (Cleaved-Asp198) Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Cleaved-Caspase-7 (S199) Polyclonal Antibody

Storage

-20°C for one year

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