

Caspase-7 Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP01208

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human Caspase-7. AA range:45-94

Mol wt 34277

Species reactivity Human

Clonality Polyclonal

Recommended application WB, IHC-p, ELISA

Concentration 1 mg/ml

Full name Caspase-7 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

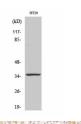
CASP7 encodes a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. The precursor of the encoded protein (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

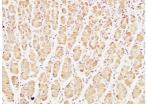
WB: 1: 500 - 1: 2000 ELISA: 1: 20000 IHC-p: 1: 50 - 300

Not yet tested in other applications.

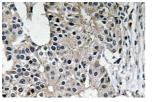
Images



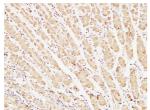
Western Blot analysis of various cells using Caspase-7 Polyclonal Antibody diluted at 1:1000



Immunohistochemical analysis of paraffin-embedded Human stomach. 1, Antibody was diluted at $1:400(4^{\circ} \text{ overnight})$. 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



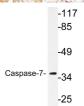
Immunohistochemistry analysis of Caspase-7 antibody in paraffin-embedded human breast carcinoma tissue.



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Western blot analysis of lysate from HT-29cells, using Caspase-7 antibody.

Storage

-20°C for one year

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