

Caspase-8 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP07124
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Recombinant Protein of Caspase-8
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF
Concentration	
Full name	Caspase-8
Synonyms	Caspase-8; CASP8; MCH5; Caspase-8; CASP-8; Apoptotic cysteine protease; Apoptotic protease Mch-5; CAP4; FADD-homologous ICE/ced-3-like protease; FADD-like ICE; FLICE; ICE-like apoptotic protease 5; MORT1-associated ced-3 homolog; MACH

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

Background

This gene 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 composed of a prodomain, a large protease subunit, and a small protease subunit. Activation of caspases requires proteolytic processing at conserved internal aspartic residues to generate a heterodimeric enzyme consisting of the large and small subunits. This protein is involved in the programmed cell death induced by Fas and various apoptotic stimuli. The N-terminal FADD-like death effector domain of this protein suggests that it may interact with Fas-interacting protein FADD. This protein was detected in the insoluble fraction of the affected brain region from Huntington disease patients but not in those from normal controls, which implicated the role in neurodegenerative diseases. Many alt

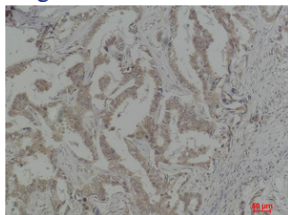
Recommended Dilution

WB: 1: 1000 - 1: 2000

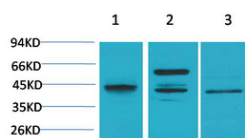
IHC: 1: 50 - 100

Not yet tested in other applications.

Images



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma using Caspase-8 Polyclonal Antibody.



Western blot analysis of 1) HeLa, 2) Raw 264.7, 3) PC12 using Caspase-8 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

Storage

-20°C for 1 year

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