

Caspase 2 Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06905
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human Caspase 2 (p12 Cleaved-Ala348)
Mol wt	49720
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Caspase 2
Synonyms	Caspase 2 ;p12; Cleaved-Ala348; Caspase-2; CASP-2; EC 3.4.22.55; Neural precursor cell expressed developmentally down-regulated protein 2; NEDD-2; Protease ICH-1; Caspase-2 subunit p18; Caspase-2 subunit p13; Caspase-2 subunit p12;

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

Background

alternative products:Isoforms differ in the N- and C-termini|Catalytic activity:Strict requirement for an Asp residue at P1| with 316-asp being essential for proteolytic activity and has a preferred cleavage sequence of Val-Asp-Val-Ala-Asp-|-|Involved in the activation cascade of caspases responsible for apoptosis execution. Might function by either activating some proteins required for cell death or inactivating proteins necessary for cell survival.|PTM:The mature protease can process its own propeptide| but not that of other caspases.|Belongs to the peptidase C14A family.|Contains 1 CARD domain.|subunit:Heterotetramer that consists of two anti-parallel arranged heterodimers| each one formed by a p18 subunit and a p12 subunit. Interacts with LRDD.|tissue specificity:Expressed at higher levels in the embryonic lung| liver and kidney than in the heart and brain. In adults| higher level expression is seen in the placenta| lung| kidney| and pancreas than in the heart| brain| liver and skeletal muscle.|

Recommended Dilution

WB: 1: 1000 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year