

## Caspase 2 Rabbit Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP06906
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	Synthesized peptide derived from human Caspase 2 (p13  Cleaved-Gly334)
<b>Mol wt</b>	49720
<b>Species reactivity</b>	Human, Rat, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Caspase 2
<b>Synonyms</b>	Caspase 2 ;p13; Cleaved-Gly334; 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