

Caspase 4 Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06907
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human Caspase 4 (p10 Cleaved-Ala290)
Mol wt	41470
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Caspase 4
Synonyms	Caspase 4 ;p10; Cleaved-Ala290; Caspase-4; CASP-4; EC 3.4.22.57; ICE;rel-II; Protease ICH-2; Protease TX; Caspase-4 subunit 1; Caspase-4 subunit 2;

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

Background

Catalytic activity:Strict requirement for Asp at the P1 position. It has a preferred cleavage sequence of Tyr-Val-Ala-Asp-|- but also cleaves at Asp-Glu-Val-Asp-|-.|Involved in the activation cascade of caspases responsible for apoptosis execution. Cleaves caspase-1.|PTM:The two subunits are derived from the precursor sequence by an autocatalytic mechanism or by cleavage by Caspase-8.|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 small and a large subunit.|tissue specificity:Widely expressed| with highest levels in spleen and lung. Moderate expression in heart and liver| low expression in skeletal muscle| kidney and testis. Not found in the brain.|

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