

Datasheet for ABIN7232775
anti-Caspase 4 antibody (AA 91-105)



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Overview

Quantity:	100 µg
Target:	Caspase 4 (CASP4)
Binding Specificity:	AA 91-105
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Anti-Caspase-13 Rabbit Polyclonal Antibody
Immunogen:	Peptide corresponding to aa 91- 105 of human caspase-13 (accession no. 075601).
Isotype:	IgG
Specificity:	This antibody recognizes human, mouse, and rat caspase-13 (43 kDa).
Cross-Reactivity:	Human, Mouse, Rat

Target Details

Target:	Caspase 4 (CASP4)
Alternative Name:	CASP13 (CASP4 Products)
Background:	Caspase-13,Involved in the activation cascade of caspases responsible for apoptosis

Target Details

execution. Might function by either activating some proteins required for cell death or inactivating proteins necessary for cell survival. Apoptosis is related to many diseases and induced by a family of cell death receptors and their ligands. Cell death signals are transduced by death domain-containing adapter molecules and members of the caspase family of proteases. Caspase-13 or ERICE (Evolutionarily Related Interleukin-1 Converting Enzyme) was recently described. When activated by caspase-8, caspase-13 induces apoptosis. Caspase-13 is expressed in a variety of human tissues and cell lines. CASP-13, EC 3.4.22.-, Evolutionary related interleukin-1-beta-converting enzyme, ERICE [Cleaved into: Caspase-13 subunit 1, Caspase-13 subunit 2]

Gene ID:	338039
NCBI Accession:	NP_788811
UniProt:	O75601
Pathways:	Apoptosis , Caspase Cascade in Apoptosis , Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	Immunoblotting: use at 1 µg/mL. Immunohistochemistry: use at 10 µg/mL. These are recommended concentrations. Endusers should determine optimal concentrations for their applications. Positive control: Whole cell lysate from HL60 cells.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Reconstitution:	Dilute in PBS or medium which is identical to that used in the assay system.
Concentration:	Lot specific
Buffer:	PBS, pH 7.4
Storage:	-20 °C
Storage Comment:	This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.