BT LAB
Bioassay Technology Laboratory
Optimize Your Research

Caspase-2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01198
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Caspase 2. AA range:123-172
Mol wt	50685
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	Caspase-2 Antibody
Synonyms	CASP2; ICH1; NEDD2; Caspase-2; CASP-2; Neural precursor cell expressed developmentally down-regulated protein 2; NEDD-2; Protease ICH-1

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

Background

CASP2 encodes a member of the cysteine-aspartic acid protease (caspase) family. Caspases mediate cellular apoptosis through the proteolytic cleavage of specific protein substrates. The encoded protein (caspase 2) may function in stress-induced cell death pathways, cell cycle maintenance, and the suppression of tumorigenesis. Increased expression of CASP2 may play a role in neurodegenerative disorders including Alzheimer's disease, Huntington's disease and temporal lobe epilepsy. Alternatively spliced transcript variants encoding multiple isoforms have been observed for CASP2.
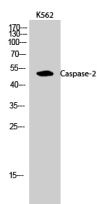
Recommended Dilution

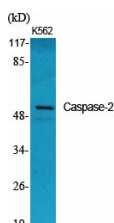WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

ELISA: 1: 10000

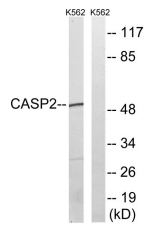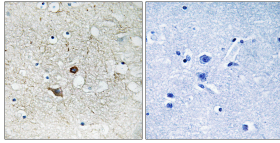Not yet tested in other applications.

Images

Western Blot analysis of K562 cells using Caspase-2 Polyclonal Antibody

Western Blot analysis of various cells using Caspase-2 Polyclonal Antibody

Western blot analysis of lysates from K562, using Caspase 2 Antibody. The lane on the right is blocked with the synthesized peptide.

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using Caspase 2 Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year