

Caspase-2 (phospho Ser157) Polyclonal Antibody

Catalog No: #14016

Package Size: #14016-1 50ul #14016-2 100ul

Description

Product Name	Caspase-2 (phospho Ser157) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human
Specificity	Phospho-Caspase-2 (S157) Polyclonal Antibody detects endogenous levels of Caspase-2 protein only when phosphorylated at S157.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human Caspase 2 around the phosphorylation site of Ser157. AA range:123-172
Conjugates	Unconjugated
Other Names	CASP2; ICH1; NEDD2; Caspase-2; CASP-2; Neural precursor cell expressed developmentally down-regulated protein 2; NEDD-2; Protease ICH-1
Accession No.	Swiss Prot:P42575GeneID:835
Calculated MW	50kd
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

Background

caspase 2(CASP2) Homo sapiens This gene 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 may function in stress-induced cell death pathways, cell cycle maintenance, and the suppression of tumorigenesis. Increased expression of this gene 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 this gene. [provided by RefSeq, Jan 2011],

Note: This product is for in vitro research use only and is not intended for use in humans or animals.