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Caspase-2 Blocking Peptide
Catalog # PBV10009b

Specification

Caspase-2 Blocking Peptide - Product Information

Primary Accession	P29594
Other Accession	D28492
Gene ID	12366
Calculated MW	50661

Caspase-2 Blocking Peptide - Additional Information

Gene ID 12366

Application & Usage	**The peptide is used for blocking the antibody activity of Caspase-2. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30 minutes at 37°C.**

Other Names
Caspase-2, CASP-2, 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, Casp2, Ich1, Nedd-2, Nedd2

Target/Specificity
Caspase-2

Formulation
50 µg (0.2 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 0.1% BSA and 0.02% thimerosal.

Reconstitution & Storage
-20 °C

Background Descriptions

Precautions
Caspase-2 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

Caspase-2 Blocking Peptide - Protein Information

Name Casp2

Synonyms Ich1, Nedd-2, Nedd2

Function
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 (PubMed:7958843). Associates with PIDD1 and CRADD to form the PIDDosome, a complex that activates CASP2 and triggers apoptosis in response to genotoxic stress (By similarity).

Tissue Location
High level expression seen in the embryonic CNS, liver, lung, kidney, small intestine, and hair follicles of vibrissae Moderate expression seen in the skin, oral mucosa, skeletal muscle, submandibular gland and thymus. In the adult, it is highly expressed in spleen, lung and kidney. Moderately in the brain, heart, testis, liver Low levels in the thymus, skeletal muscle, ovary and gut

Caspase-2 Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Caspase-2 Blocking Peptide - Images