10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Caspase-10 Blocking Peptide

Catalog # PBV10172b

Specification

Caspase-10 Blocking Peptide - Product Information

Primary Accession	Q92851
Other Accession	AAD28403
Gene ID	843
Calculated MW	58951

Caspase-10 Blocking Peptide - Additional Information

Gene ID 843

Application & Usage	**The peptide is used for blocking the antibody activity of caspase-10. 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-10, CASP-10, 3.4.22.63, Apoptotic protease Mch-4, FAS-associated death domain protein interleukin-1B-converting enzyme 2, FLICE2, ICE-like apoptotic protease 4, Caspase-10 subunit p23/17, Caspase-10 subunit p12, CASP10, MCH4

Target/Specificity
Caspase-10

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

Reconstitution & Storage
-20 °C

Background Descriptions

Precautions
Caspase-10 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

Caspase-10 Blocking Peptide - Protein Information

Name CASP10

Synonyms MCH4

Function
Involved in the activation cascade of caspases responsible for apoptosis execution. Recruited to both Fas- and TNFR-1 receptors in a FADD dependent manner. May participate in the granzyme B apoptotic pathways. Cleaves and activates effector caspases CASP3, CASP4, CASP6, CASP7, CASP8 and CASP9. Hydrolyzes the small- molecule substrates, Tyr- Val-Ala-Asp-|-AMC and Asp-Glu-Val-Asp-|-AMC.

Tissue Location
Detectable in most tissues. Lowest expression is seen in brain, kidney, prostate, testis and colon

Caspase-10 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-10 Blocking Peptide - Images