

PPM1L Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP11001b

Specification

PPM1L Antibody (C-term) Blocking peptide - Product Information

Primary Accession [Q5SGD2](#)

PPM1L Antibody (C-term) Blocking peptide - Additional Information

Gene ID 151742

Other Names

Protein phosphatase 1L, Protein phosphatase 1-like, Protein phosphatase 2C isoform epsilon, PP2C-epsilon, PPM1L, PP2CE

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

PPM1L Antibody (C-term) Blocking peptide - Protein Information

Name PPM1L

Synonyms PP2CE

Function

Acts as a suppressor of the SAPK signaling pathways by associating with and dephosphorylating MAP3K7/TAK1 and MAP3K5, and by attenuating the association between MAP3K7/TAK1 and MAP2K4 or MAP2K6.

Cellular Location

Membrane; Single-pass type I membrane protein

Tissue Location

Ubiquitous. Highly expressed in heart, placenta, lung, liver, kidney and pancreas.

PPM1L Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

PPM1L Antibody (C-term) Blocking peptide - Images

PPM1L Antibody (C-term) Blocking peptide - Background

PPM1L, or PP2CE, belongs to the PP2C group of serine/threonine phosphatases, which are distinguished from other phosphatases by their structure, absolute requirement for $Mg(2+)$ or $Mn(2+)$, and insensitivity to okadaic acid. PP2Cs regulate stress-activated protein kinase (SAPK; see MIM 601158) signaling cascades that respond to extracellular stimuli (Jin et al., 2004[PubMed 15560375]).

PPM1L Antibody (C-term) Blocking peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) ;Thean, L.F., et al. Genes Chromosomes Cancer 49(2):99-106(2010) Trynka, G., et al. Gut 58(8):1078-1083(2009) Saito, S., et al. J. Biol. Chem. 283(10):6584-6593(2008) Saito, J., et al. Biochem. J. 405(3):591-596(2007)