

ENTPD2 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP12743a**Specification**

ENTPD2 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [Q9Y5L3](#)**ENTPD2 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 954**Other Names**

Ectonucleoside triphosphate diphosphohydrolase 2, NTPDase 2, 361-, CD39 antigen-like 1, Ecto-ATP diphosphohydrolase 2, Ecto-ATPDase 2, Ecto-ATPase 2, ENTPD2, CD39L1

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.

ENTPD2 Antibody (N-term) Blocking peptide - Protein Information**Name** ENTPD2**Synonyms** CD39L1**Function**

In the nervous system, could hydrolyze ATP and other nucleotides to regulate purinergic neurotransmission. Hydrolyzes ADP only to a marginal extent. The order of activity with different substrates is ATP > GTP > CTP = ITP > UTP >> ADP = UDP.

Cellular Location

[Isoform Long]: Cell membrane; Multi-pass membrane protein [Isoform gamma]: Endoplasmic reticulum membrane; Multi-pass membrane protein

Tissue Location

Brain, placenta, skeletal muscle, kidney, pancreas, heart, ovary, testis, colon, small intestine, prostate and pancreas. No expression in adult thymus, spleen, lung, liver and peripheral blood leukocytes

ENTPD2 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ENTPD2 Antibody (N-term) Blocking peptide - Images

ENTPD2 Antibody (N-term) Blocking peptide - Background

The protein encoded by this gene is the type 2 enzyme of the ecto-nucleoside triphosphate diphosphohydrolase family (E-NTPDase). E-NTPDases are a family of ecto-nucleosidases that hydrolyze 5'-triphosphates. This ecto-ATPase is an integral membrane protein. Alternative splicing of this gene results in multiple transcript variants.

ENTPD2 Antibody (N-term) Blocking peptide - References

Chiang, W.C., et al. Biochemistry 47(33):8775-8785(2008) Javed, R., et al. Biochemistry 46(22):6617-6627(2007) Mukasa, T., et al. Biochemistry 44(33):11160-11170(2005) Jhandier, M.N., et al. J. Biol. Chem. 280(24):22986-22992(2005) Dranoff, J.A., et al. J. Investig. Med. 52(7):475-482(2004)