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ENTPD2 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP9325a

Specification

ENTPD2 Antibody (N-term) Blocking Peptide - Product Information

Primary 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

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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

ENTPD2 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.

ENTPD2 Antibody (N-term) Blocking Peptide - References

Chiang,W.C. Biochemistry 47 (33), 8775-8785 (2008)Javed,R. Biochemistry 46 (22), 6617-6627 (2007)Mukasa,T.Biochemistry 44 (33), 11160-11170 (2005)