

HRASLS Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP9416a**Specification**

HRASLS Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q9HDD0](#)**HRASLS Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 57110**Other Names**

Phospholipid-metabolizing enzyme A-C1, 231-, 311-, HRAS-like suppressor 1, HRSL1, HRASLS

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.

HRASLS Antibody (N-term) Blocking Peptide - Protein Information**Name** PLAAT1 ([HGNC:14922](#))**Synonyms** HRASLS**Function**

Exhibits both phospholipase A1/2 and acyltransferase activities (PubMed:21880860, PubMed:26503625). Shows phospholipase A1 (PLA1) and A2 (PLA2) activity, catalyzing the calcium-independent release of fatty acids from the sn-1 or sn-2 position of glycerophospholipids (PubMed:21880860, PubMed:22825852, PubMed:27623847). Shows O-acyltransferase activity, catalyzing the transfer of a fatty acyl group from glycerophospholipid to the hydroxyl group of lysophospholipid (PubMed:21880860). Shows N-acyltransferase activity, catalyzing the calcium-independent transfer of a fatty acyl group at the sn-1 position of phosphatidylcholine (PC) and other glycerophospholipids to the primary amine of phosphatidylethanolamine (PE), forming N-acylphosphatidylethanolamine (NAPE) which serves as precursor for N-acylethanolamines (NAEs) (PubMed:21880860, PubMed:21880860, PubMed:21880860).

href="http://www.uniprot.org/citations/22825852" target="_blank">22825852, PubMed:27623847).

Cellular Location

[Isoform 1]: Membrane; Single-pass membrane protein. Cytoplasm

Tissue Location

[Isoform 1]: Abundantly expressed in testis, skeletal muscle, brain, and heart.

HRASLS Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

HRASLS Antibody (N-term) Blocking Peptide - Images**HRASLS Antibody (N-term) Blocking Peptide - References**

Ito, H., et al. Cytogenet. Cell Genet. 93 (1-2), 36-39 (2001) :Akiyama, H., et al. J. Biol. Chem. 274(45):32192-32197(1999)Husmann, K., et al. Oncogene 17(10):1305-1312(1998)