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HRASLS / H-REV107 (N term) Antibody (N-Term)

Peptide-affinity purified goat antibody
Catalog # AF2711a

Specification

HRASLS / H-REV107 (N term) Antibody (N-Term) - Product Information

Application	**E**
Primary Accession	Q9HDD0
Other Accession	NP_065119.1, 57110, 27281 (mouse), 288025 (rat)
Predicted	**Human, Mouse, Rat**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**18750**

HRASLS / H-REV107 (N term) Antibody (N-Term) - Additional Information

Gene ID 57110

Other Names
Phospholipid-metabolizing enzyme A-C1, 2.3.1.-, 3.1.1.-, HRAS-like suppressor 1, HRSL1, HRASLS

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
HRASLS / H-REV107 (N term) Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

HRASLS / H-REV107 (N term) Antibody (N-Term) - 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:<a

href="http://www.uniprot.org/citations/21880860" target="_blank">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: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 / H-REV107 (N term) Antibody (N-Term) - 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

HRASLS / H-REV107 (N term) Antibody (N-Term) - Images

HRASLS / H-REV107 (N term) Antibody (N-Term) - References

Promoter hypermethylation of CCNA1, RARRES1, and HRASLS3 in nasopharyngeal carcinoma. Yanatatsaneejit P, Chalermchai T, Kerekhanjanarong V, Shotelersuk K, Supiyaphun P, Mutirangura A, Sriuranpong V. Oral Oncol. 2007 Aug 2; [Epub ahead of print] PMID: 17689134