

HRASLS / H-REV107 (internal) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF2702a**Specification**

HRASLS / H-REV107 (internal) Antibody (internal region) - Product Information

Application	E
Primary Accession	O9HDD0
Other Accession	NP_065119.1 , 57110 , 27281 (mouse) , 288025 (rat)
Predicted Host	Human, Mouse, Rat
Clonality	Goat
Concentration	Polyclonal
Isotype	0.5 mg/ml
Calculated MW	IgG
	18750

HRASLS / H-REV107 (internal) Antibody (internal region) - 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 (internal) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

HRASLS / H-REV107 (internal) Antibody (internal region) - 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

[21880860](http://www.uniprot.org/citations/21880860), PubMed: [22825852](http://www.uniprot.org/citations/22825852), PubMed: [27623847](http://www.uniprot.org/citations/27623847)). Shows O-acyltransferase activity, catalyzing the transfer of a fatty acyl group from glycerophospholipid to the hydroxyl group of lysophospholipid (PubMed: [21880860](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/21880860), PubMed: [22825852](http://www.uniprot.org/citations/22825852), PubMed: [27623847](http://www.uniprot.org/citations/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 (internal) Antibody (internal region) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HRASLS / H-REV107 (internal) Antibody (internal region) - Images**HRASLS / H-REV107 (internal) Antibody (internal region) - 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 PMID: 17689134