

Anti-HRASLS2 Antibody (aa102-113)
Goat Anti Human Polyclonal Antibody
Catalog # ALS17869**Specification**

Anti-HRASLS2 Antibody (aa102-113) - Product Information

Application	IHC-P, E
Primary Accession	O9NWW9
Predicted	Human, Monkey
Host	Goat
Clonality	Polyclonal
Calculated MW	17394

Anti-HRASLS2 Antibody (aa102-113) - Additional Information**Gene ID** 54979

Alias Symbol	HRASLS2
Other Names	
HRASLS2, HRAS-like suppressor 2, PLA1/2-2	

Target/Specificity

Human HRASLS2. This design was based on provisional sequence data.

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-HRASLS2 Antibody (aa102-113) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-HRASLS2 Antibody (aa102-113) - Protein Information**Name** PLAAT2 ([HGNC:17824](#))**Synonyms** HRASLS2**Function**

Exhibits both phospholipase A1/2 and acyltransferase activities (PubMed:[19615464](http://www.uniprot.org/citations/19615464), PubMed:[22825852](http://www.uniprot.org/citations/22825852), PubMed:[22605381](http://www.uniprot.org/citations/22605381), PubMed:[26503625](http://www.uniprot.org/citations/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:[19615464](http://www.uniprot.org/citations/19615464), PubMed:[22825852](http://www.uniprot.org/citations/22825852), PubMed:[22605381](http://www.uniprot.org/citations/22605381)). For most

substrates, PLA1 activity is much higher than PLA2 activity (PubMed:19615464). Shows O-acyltransferase activity, catalyzing the transfer of a fatty acyl group from glycerophospholipid to the hydroxyl group of lysophospholipid (PubMed:19615464). 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:19615464, PubMed:22825852, PubMed:22605381). Catalyzes N-acylation of PE using both sn-1 and sn-2 palmitoyl groups of PC as acyl donor (PubMed:22605381). Exhibits high phospholipase A1/2 activity and low N-acyltransferase activity (PubMed:22825852).

Cellular Location

Cytoplasm. Membrane; Single-pass membrane protein Note=Exhibits a granular pattern in the cytoplasm with preferential perinuclear localization.

Tissue Location

Expressed in liver, kidney, small intestine testis and colon (PubMed:19615464). Undetectable in testis, placenta, salivary gland and fetal brain (PubMed:18163183).

Anti-HRASLS2 Antibody (aa102-113) - 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](#)

Anti-HRASLS2 Antibody (aa102-113) - Images