10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-HRASLS2 Antibody (aa102-113)

Goat Anti Human Polyclonal Antibody
Catalog # ALS17869

Product Information

Application	IHC-P, E
Primary Accession	Q9NWW9
Predicted	Human, Monkey
Host	Goat
Clonality	Polyclonal
Calculated MW	17394
Concentration (mg/ml)	0.5 mg/ml

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.

Protein Information

Name	PLAAT2 (HGNC:17824)
Synonyms	HRASLS2
Function	Exhibits both phospholipase A1/2 and acyltransferase activities (PubMed:19615464, PubMed:22605381, PubMed:22825852, 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:19615464, PubMed:22605381, PubMed:22825852). 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:22605381, PubMed:22825852). 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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.