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HRASLS5 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13881c

Product Information

Application	WB, IHC-P, E
Primary Accession	Q96KN8
Other Accession	NP_473449.1
Reactivity	Human
Predicted	Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB33995
Calculated MW	30312
Antigen Region	100-129

Additional Information

Gene ID	117245
Other Names	Ca(2+)-independent N-acyltransferase, iNAT, 231-, H-rev107-like protein 5, HRAS-like suppressor 5, HRSL5, HRASLS5, HRLP5
Target/Specificity	This HRASLS5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 100-129 amino acids from the Central region of human HRASLS5.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	HRASLS5 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

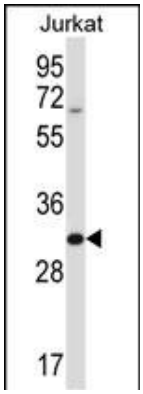
Name	PLAAT5 (HGNC:24978)
Synonyms	HRASLS5, HRLP5

Function	Exhibits both phospholipase A1/2 and acyltransferase activities (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:22825852). 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:19000777, PubMed:22825852).
Cellular Location	Cytoplasm, cytosol {ECO:0000250|UniProtKB:Q4KLN5}
Tissue Location	Highest expression level in testis and pancreas.

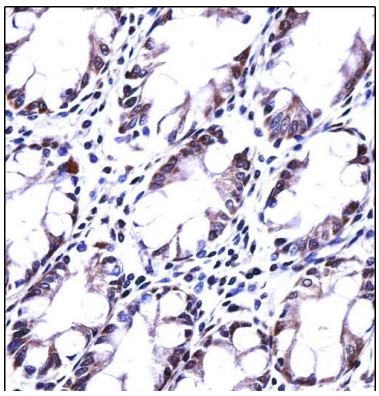
References

Jin, X.H., et al. Biochim. Biophys. Acta 1791(1):32-38(2009)
Lamesch, P., et al. Genomics 89(3):307-315(2007)
Jin, X.H., et al. J. Biol. Chem. 282(6):3614-3623(2007)

Images



HRASLS5 Antibody (Center) (Cat. #AP13881c) western blot analysis in Jurkat cell line lysates (35ug/lane).This demonstrates the HRASLS5 antibody detected the HRASLS5 protein (arrow).



HRASLS5 Antibody (Center) (AP13881c)immunohistochemistry analysis in formalin fixed and paraffin embedded human rectum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of HRASLS5 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

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