

HRASLS5 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13881c

Specification

HRASLS5 Antibody (Center) - Product Information

| | |
|-------------------|-----------------------------|
| Application | WB, IHC-P,E |
| Primary Accession | O96KN8 |
| Other Accession | NP_473449.1 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | Rabbit IgG |
| Calculated MW | 30312 |
| Antigen Region | 100-129 |

HRASLS5 Antibody (Center) - 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~~1:10~50

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.

HRASLS5 Antibody (Center) - 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

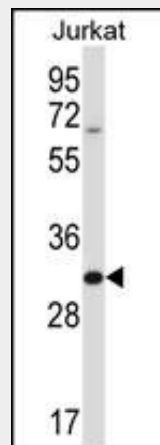
Highest expression level in testis and pancreas.

HRASLS5 Antibody (Center) - Protocols

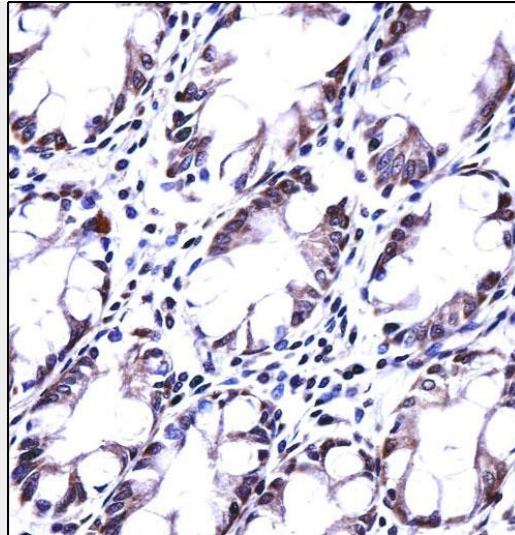
Provided below are standard protocols that you may find useful for product applications.

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

HRASLS5 Antibody (Center) - 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.

HRASLS5 Antibody (Center) - 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)