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Datasheet for ABIN7249698 anti-INPP5D antibody

2 Images



Overview

Quantity:	200 µL
Target:	INPP5D
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This INPP5D antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	KLH conjugated Synthetic peptide corresponding to Mouse SHIP1
lsotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

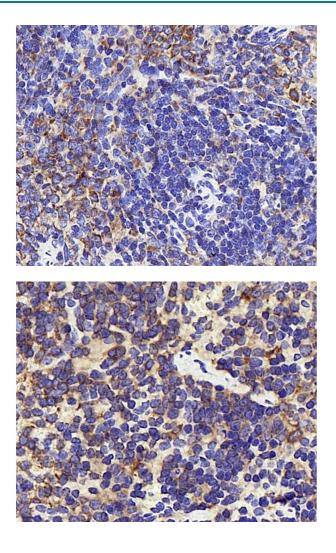
Target Details

Target:	INPP5D
Alternative Name:	INPP5D (INPP5D Products)
Background:	This gene is a member of the inositol polyphosphate-5-phosphatase (INPP5) family and encodes a protein with an N-terminal SH2 domain, an inositol phosphatase domain, and two C-terminal protein interaction domains. Expression of this protein is restricted to hematopoietic
	cells where its movement from the cytosol to the plasma membrane is mediated by tyrosine

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Target Details

	phosphorylation. At the plasma membrane, the protein hydrolyzes the 5' phosphate from
	phosphatidylinositol (3,4,5)-trisphosphate and inositol-1,3,4,5-tetrakisphosphate, thereby
	affecting multiple signaling pathways. The protein is also partly localized to the nucleus, where
	it may be involved in nuclear inositol phosphate signaling processes. Overall, the protein
	functions as a negative regulator of myeloid cell proliferation and survival. Mutations in this
	gene are associated with defects and cancers of the immune system. Alternative splicing of
	this gene results in multiple transcript variants.
UniProt:	Q9ES52, P97573
Pathways:	TCR Signaling, BCR Signaling, Warburg Effect
Application Details	
Application Notes:	IHC 1:200-1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	430 µg/mL
Buffer:	PBS with 0.02 % sodium azide, 1 % BSA and 50 % glycerol, pH 7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry analysis of paraffinembedded rat thymus tissue using INPP5D Polyclonal Antibody at dilution of 1:300.

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry analysis of paraffinembedded mouse inflammation spleen using INPP5D Polyclonal Antibody at dilution of 1:300.

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