

Datasheet for ABIN389359
anti-INPP5D antibody (AA 770-796)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	INPP5D
Binding Specificity:	AA 770-796
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This INPP5D antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This INPP5D antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 770-796 amino acids from the Central region of human INPP5D.
Clone:	RB17405
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	INPP5D
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Target Details

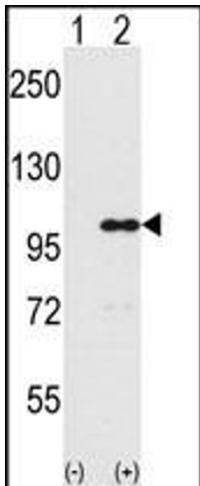
Alternative Name:	INPP5D (INPP5D Products)
Background:	INPP5D is a member of the inositol polyphosphate-5-phosphatase (INPP5) family and it is a protein with an N-terminal SH2 domain, an inositol phosphatase domain, and two C-terminal protein interaction domains. Expression of this protein is restricted to hematopoietic cells where its movement from the cytosol to the plasma membrane is mediated by tyrosine 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. Overall, the protein functions as a negative regulator of myeloid cell proliferation and survival.
Molecular Weight:	133292
Gene ID:	3635
NCBI Accession:	NP_001017915 , NP_005532
UniProt:	Q92835
Pathways:	TCR Signaling , BCR Signaling , Warburg Effect

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Western Blotting

Image 1. Western blot analysis of IND (arrow) using rabbit polyclonal IND Antibody (Center) (ABIN389359 and ABIN2839465). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the IND gene (Lane 2) (Origene Technologies).