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

ITPRIPL1 antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22472a

Product Information

Application	WB, E
Primary Accession	Q6GPH6
Reactivity	Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit Ig
Clone Names	R05184
Calculated MW	63395

Additional Information

Gene ID	150771
Other Names	Inositol 1, 5-trisphosphate receptor-interacting protein-like 1, ITPRIPL1 (HGNC:29371), KIAA1754L
Target/Specificity	This antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between amino acids from human.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. 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	ITPRIPL1 antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ITPRIPL1 (HGNC:29371)
Synonyms	KIAA1754L
Function	Functions as a ligand of CD3E, inhibiting TCR-CD3 complex signaling to regulate T cell activation. Induces stable CD3E-NCK1 binding, thereby preventing the CD3E-ZAP70 interaction and subsequently inhibiting the

activation of the downstream ERK-NFkB signaling cascade and calcium influx.

Cellular Location Cell membrane; Single-pass type I membrane protein

Tissue Location Expressed in testis and tumoral cells.

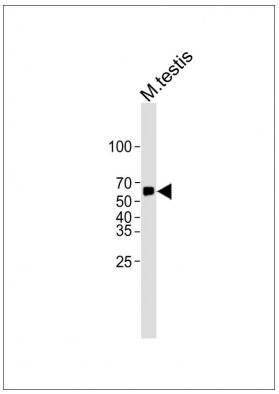
Background

Functions as a ligand of CD3E, inhibiting TCR-CD3 complex signaling to regulate T cell activation. Induces stable CD3E-NCK1 binding, thereby preventing the CD3E-ZAP70 interaction and subsequently inhibiting the activation of the downstream ERK-NFkB signaling cascade and calcium influx.

References

Hillier L.W.,et al.Nature 434:724-731(2005).
Deng S.,et al.Cell 187:2305-2323.e33(2024).

Images



All lanes: Anti-ITPRIPL1 antibody (N-term) at 1:1000 dilution + Mouse testis lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 63 KDa Blocking/Dilution buffer: 5% NFDM/TBST.

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