

PSTPIP1 antibody

Product Information

Catalog No.:	FNab06903
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

This gene encodes a cytoskeletal protein that is highly expressed in hemopoietic tissues. This protein functions via its interaction with several different proteins involved in cytoskeletal organization and inflammatory processes. It binds to the cytoplasmic tail of CD2, an effector of T cell activation and adhesion, downregulating CD2-triggered adhesion. It binds PEST-type protein tyrosine phosphatases (PTP) and directs them to c-Abl kinase to mediate c-Abl dephosphorylation, thereby, regulating c-Abl activity. It also interacts with pyrin, which is found in association with the cytoskeleton in myeloid/monocytic cells and modulates immunoregulatory functions. Mutations in this gene are associated with PAPA (pyogenic sterile arthritis, pyoderma gangrenosum, and acne) syndrome. It is hypothesized that the disease-causing mutations compromise physiologic signaling necessary for the maintenance of a proper inflammatory response.

Immunogen information

Immunogen:	proline-serine-threonine phosphatase interacting protein 1
Synonyms:	Proline-serine-threonine phosphatase-interacting protein 1 (PEST phosphatase-interacting protein 1) CD2-binding protein 1 H-PIP PSTPIP1 CD2BP1
Observed MW:	48 kDa
Uniprot ID :	O43586

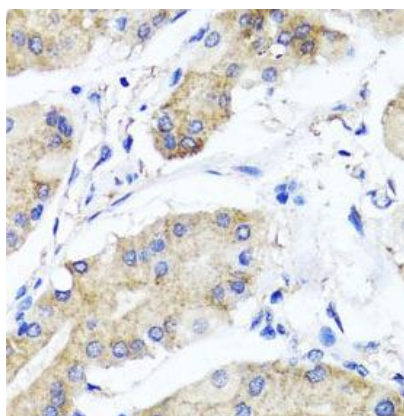
Application

Reactivity: Human, Mouse, Rat

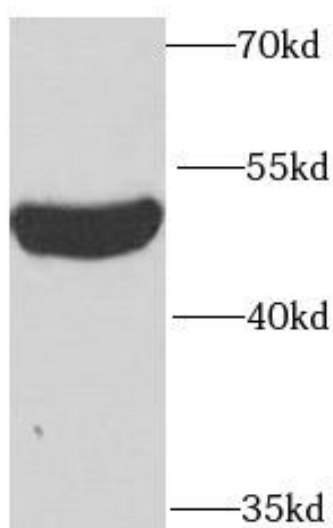
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded human stomach using FNab06903(PSTPIP1 antibody) at dilution of 1:100



mouse thymus tissue were subjected to SDS PAGE followed by western blot with FNab06903(PSTPIP1 antibody) at dilution of 1:1000