



[Go to Product page](#)

Datasheet for ABIN1386160
anti-PPFIA1 antibody (AA 141-190)

Overview

Quantity:	100 µL
Target:	PPFIA1
Binding Specificity:	AA 141-190
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPFIA1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Liprin alpha 1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	PPFIA1
Alternative Name:	Liprin alpha 1/PPFIA1 (PPFIA1 Products)

Target Details

Background:	<p>Synonyms: LAR interacting protein 1, LIP 1, LIP.1, LIP1, LIPRIN, MGC26800, PPFIA 1, PPFIA1, Protein tyrosine phosphatase receptor type f polypeptide PTPRF interacting protein liprin alpha 1, Protein tyrosine phosphatase receptor type f polypeptide interacting protein alpha 1, PTPRF interacting protein alpha 1, LIPA1_HUMAN.</p> <p>Background: Liprins interact with members of the leukocyte common antigen-related (LAR) family of transmembrane protein tyrosine phosphatases, which are implicated in axon guidance and mammary gland development. Liprins are multivalent proteins that form complex structures and act as scaffolds for the recruitment and anchoring of LAR phosphatases. Based on sequence similarities and binding characteristics, liprins are subdivided into Alpha and Beta liprins. Both Alpha and Beta liprins homodimerize via their N-terminal, coiled-coil regions. Liprin Alpha1 is a ubiquitously expressed protein that interacts with the tumor suppressor ING4 to regulate cell migration and possibly prevent metastasis. The interaction between LAR and Liprin Alpha1 can be weakened by treatment of Liprin ? with calf intestinal phosphatase.</p>
-------------	---

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
--------------------	--

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months