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Datasheet for ABIN1538519

anti-PPFIBP1 antibody (AA 588-617)

2 Images



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Overview	
Quantity:	400 μL
Target:	PPFIBP1
Binding Specificity:	AA 588-617
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPFIBP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This PPFIBP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 588-617 amino acids from the Central region of human PPFIBP1.
Clone:	RB37193
Isotype:	lg Fraction
Predicted Reactivity:	М
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	PPFIBP1
Alternative Name:	PPFIBP1 (PPFIBP1 Products)

Target Details

Background:

The protein encoded by this gene is a member of the LAR protein-tyrosine phosphatase-interacting protein (liprin) family. Liprins interact with members of LAR family of transmembrane protein tyrosine phosphatases, which are known to be important for axon guidance and mammary gland development. It has been proposed that liprins are multivalent proteins that form complex structures and act as scaffolds for the recruitment and anchoring of LAR family of tyrosine phosphatases. This protein was found to interact with S100A4, a calcium-binding protein related to tumor invasiveness and metastasis. In vitro experiment demonstrated that the interaction inhibited the phosphorylation of this protein by protein kinase C and protein kinase CK2. Alternatively spliced transcript variants encoding distinct isoforms have been reported.

 Molecular Weight:
 114024

 Gene ID:
 8496

 NCBI Accession:
 NP_001185844, NP_001185845, NP_003613, NP_803193

UniProt: Q86W92

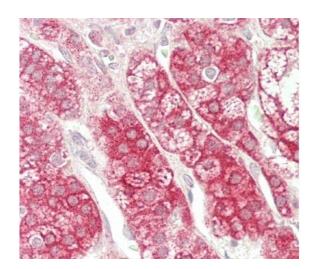
Application Details

Application Notes:	WB: 1:2000. IHC-P: 1:100

Restrictions: For Research Use only

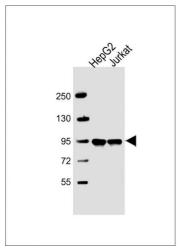
Handling

F	
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:	PPFIBP1 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded H.adrenal tissue tissue reacted with FIBP1 Antibody (Center) (ABIN1538519 and ABIN2849064).



Western Blotting

Image 2. All lanes: Anti-FIBP1 Antibody (Center) at 1:2000 dilution Lane 1: HepG2 whole cell lysate Lane 2: Jurkat whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 114 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.