For Research Use Only

Kindlin 2 Polyclonal antibody

Catalog Number:11453-1-AP Featured Product 33 Publications

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Basic Information

Catalog Number:
11453-1-AP

Size:
150ul , Concentration: 600 µg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG2013

GenBank Accession Number:
BC017327

GeneID (NCBI):
10979

UNIPROT ID:
Q96AC1

Full Name:
fermitin family homolog 2 (Drosophila)

Calculated MW:
680 aa, 78 kDa

Observed MW:
78 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:2000-1:14000
IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
IHC 1:50-1:500

Applications

Tested Applications:
WB, IP, IHC, ELISA

Cited Applications:
WB, IHC, IF, IP, CoIP

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse, rat, zebrafish, hamster

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : A549 cells,

IP : A549 cells,

IHC : human lung cancer tissue,

Background Information

FERMT2, also named as KIND2, MIG2, PLEKHC1, MIG-2 and Kindlin-2, belongs to the kindlin family. There are three FERMT2 isoforms that participate in the connection between extracellular matrix (ECM) adhesion sites and the actin cytoskeleton and also in the orchestration of actin assembly and cell shape modulation. FERMT2 recruits migfilin (FBLP1) protein to cell-ECM focal adhesion sites. Variable expression in human cancers and mesenchymal cancer invasion are now linked with FERMT2, which may plays important role in carcinormas development. Catalog#11453-1-AP is a rabbit polyclonal antibody against human FERMT2.

Notable Publications

Author	Pubmed ID	Journal	Application
Yasmin A Kadry	30254023	J Cell Sci	WB
Jun Yu	30245857	Cell Death Discov	WB,IHC,IF
Ling Guo	33004813	Nat Commun	WB,IP

Storage

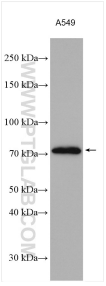
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

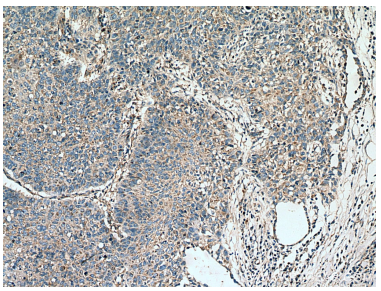
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

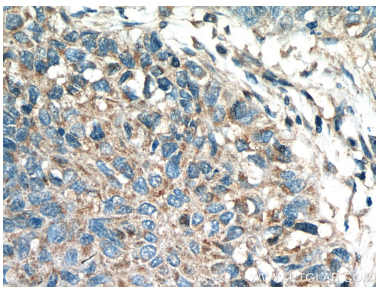
Selected Validation Data



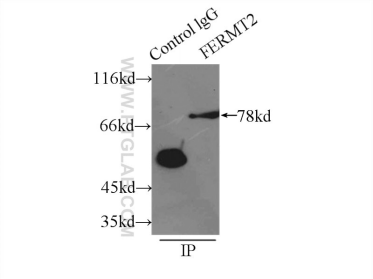
A549 cells were subjected to SDS PAGE followed by western blot with 11453-1-AP (Kindlin 2 antibody) at dilution of 1:7000 incubated at room temperature for 1.5 hours.



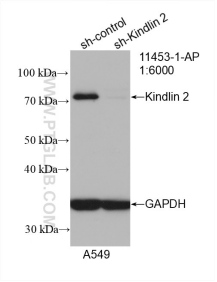
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 11453-1-AP (Kindlin 2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 11453-1-AP (Kindlin 2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-Kindlin 2 (IP:11453-1-AP, 3ug; Detection:11453-1-AP 1:1000) with A549 cells lysate 3300ug.



WB result of Kindlin 2 antibody (11453-1-AP; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-Kindlin 2 transfected A549 cells.