

For Research Use Only

Bif-1 Polyclonal antibody

Catalog Number: 15422-1-AP

6 Publications



Basic Information

Catalog Number:

15422-1-AP

Size:

600 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7710

GenBank Accession Number:

BC007455

GeneID (NCBI):

51100

UNIPROT ID:

Q9Y371

Full Name:

SH3-domain GRB2-like endophilin B1

Calculated MW:

41 kDa

Observed MW:

41 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IHC, IF, ChIP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

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 : mouse kidney tissue, HEK-293 cells, human placenta tissue, mouse heart tissue, mouse placenta tissue

IHC : mouse kidney tissue, human kidney tissue, rat kidney tissue

IF/ICC : HepG2 cells,

Background Information

SH3GLB1 also known as Bif-1, contains an N-terminal domain, a central coiled-coil region, and a C-terminal SH3 domain, but shares no significant homology with members of the Bcl-2 family. SH3GLB1 is involved in activation of caspase-dependent apoptosis by promoting BAX/BAK1 activation (PubMed:16227588).

Notable Publications

Author	Pubmed ID	Journal	Application
Huixue Zhang	28977840	Oncotarget	WB
Chia-Hung Chien	35831908	J Exp Clin Cancer Res	WB
Anbo Gao	35487252	Eur J Pharmacol	WB,IHC

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

For technical support and original validation data for this product please contact:

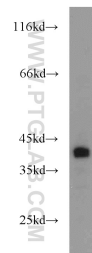
T: 4006900926

E: Proteintech-CN@ptglab.com

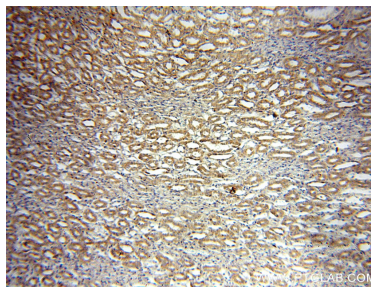
W: ptgcn.com

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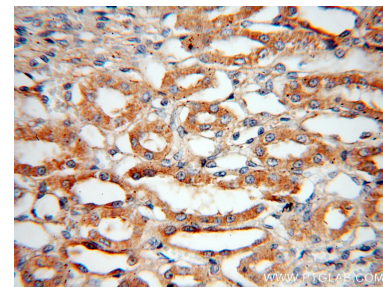
Selected Validation Data



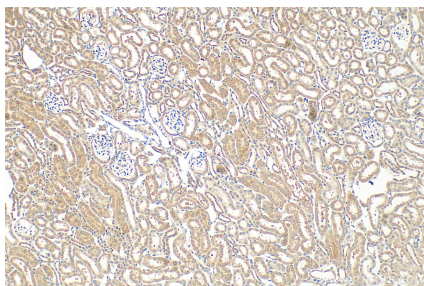
mouse kidney tissue were subjected to SDS PAGE followed by western blot with 15422-1-AP (Bif-1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



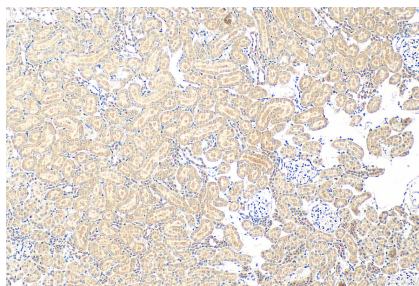
Immunohistochemical analysis of paraffin-embedded human kidney using 15422-1-AP (Bif-1 antibody) at dilution of 1:100 (under 10x lens).



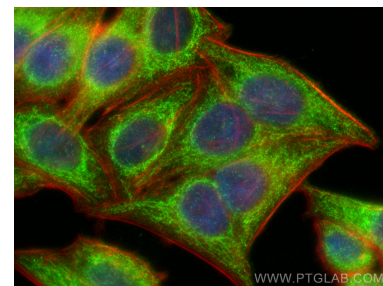
Immunohistochemical analysis of paraffin-embedded human kidney using 15422-1-AP (Bif-1 antibody) at dilution of 1:100 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 15422-1-AP (Bif-1 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 rat kidney tissue slide using 15422-1-AP (Bif-1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using Bif-1 antibody (15422-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-phalloidin (red).