

For Research Use Only

Cirhin Polyclonal antibody

Catalog Number: 11057-1-AP



Basic Information

Catalog Number:

11057-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1494

GenBank Accession Number:

BC009348

GeneID (NCBI):

84916

UNIPROT ID:

Q969X6

Full Name:

cirrhosis, autosomal recessive 1A (cirhin)

Calculated MW:

77 kDa

Observed MW:

70-77 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

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, IHC, IP, ELISA

Species Specificity:

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: Neuro-2a cells,

IP: HepG2 cells,

IHC: mouse brain tissue,

Background Information

Cirhin is a protein that in humans is encoded by the CIRH1A gene. Mutation of this gene has been associated with North American Indian childhood cirrhosis, a severe intrahepatic cholestasis that results in transient neonatal jaundice, and progresses to periportal fibrosis and cirrhosis in childhood and adolescence (PMID: 12417987). Catalog#11057-1-AP is a rabbit polyclonal antibody raised against the full-length of human CIRHIN.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

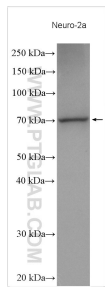
For technical support and original validation data for this product please contact:

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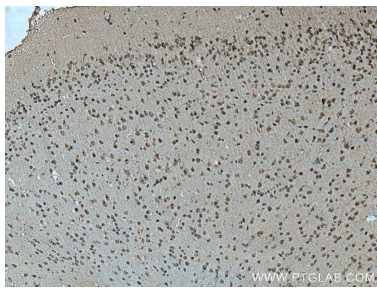
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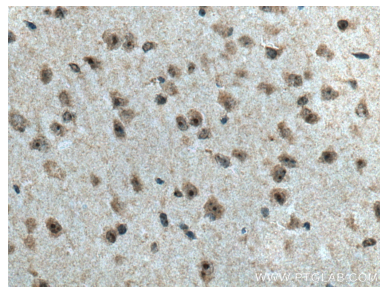
Selected Validation Data



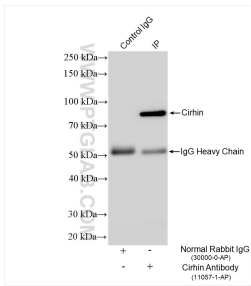
Neuro-2a cells were subjected to SDS PAGE followed by western blot with 11057-1-AP (Cirhin antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 11057-1-AP (Cirhin 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 mouse brain tissue slide using 11057-1-AP (Cirhin antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-Cirhin (IP:11057-1-AP, 4ug; Detection:11057-1-AP 1:1000) with HepG2 cells lysate 1760 ug.