

For Research Use Only

HINT3 Polyclonal antibody

Catalog Number: 11366-1-AP



Basic Information

Catalog Number:

11366-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1912

GenBank Accession Number:

BC015732

GeneID (NCBI):

135114

UNIPROT ID:

Q9NQE9

Full Name:

histidine triad nucleotide binding protein 3

Calculated MW:

182 aa, 20 kDa

Observed MW:

20-24 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:200-1:800

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse

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 : HeLa cells, HepG2 cells, MCF-7 cells, human placenta tissue

IHC : mouse liver tissue, mouse heart tissue

Background Information

Human Hint3 (hHint3) has been classified as a member of the histidine triad nucleotide (Hint) binding protein subfamily. HIT superfamily consists primarily of nucleoside phosphoramidases, dinucleotide hydrolases, and nucleotidyl transferases. While Hint1 is ubiquitously expressed by both eukaryotes and prokaryotes, Hint3 is found only in eukaryotes.

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

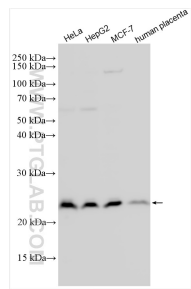
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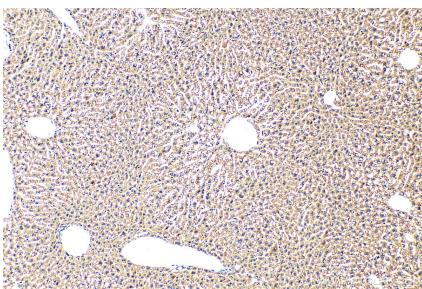
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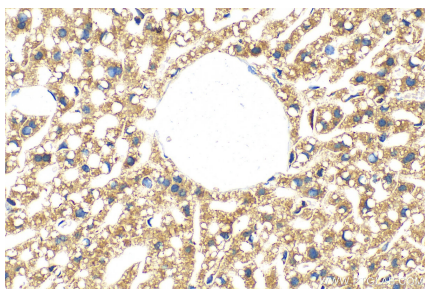
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11366-1-AP (HINT3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 11366-1-AP (HINT3 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 11366-1-AP (HINT3 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).