

For Research Use Only

ITIH3 Polyclonal antibody, PBS Only

Catalog Number: 21247-1-PBS



Basic Information

Catalog Number:

21247-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG15750

GenBank Accession Number:

BC107604

GeneID (NCBI):

3699

UNIPROT ID:

Q06033

Full Name:

inter-alpha (globulin) inhibitor H3

Calculated MW:

890 aa, 100 kDa

Observed MW:

100 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

ITIH3, or inter-alpha-trypsin inhibitor heavy chain 3, is a gene in humans that encodes the heavy chain subunit of the pre-alpha-trypsin inhibitor complex. This complex plays a role in stabilizing the extracellular matrix through its ability to bind hyaluronic acid. The gene is located on chromosome 3 and is part of the inter-alpha-trypsin inhibitor family gene cluster. ITIH3 has restricted expression primarily toward the liver, with an RPKM value of 228.8, indicating a relatively high level of expression in this organ.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

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

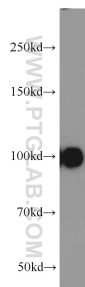
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

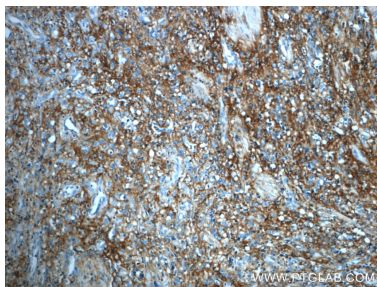
W: ptglab.com

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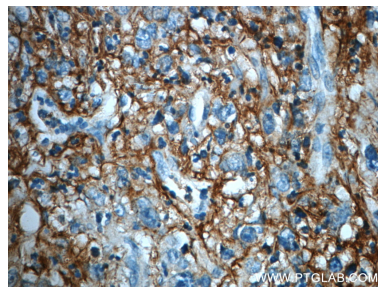
Selected Validation Data



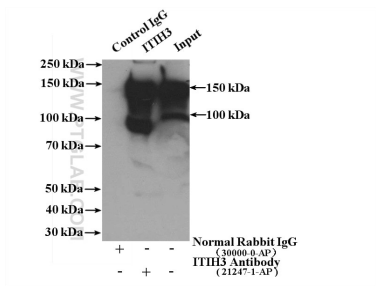
human serum were subjected to SDS PAGE followed by western blot with 21247-1-AP (ITIH3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 21247-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human stomach cancer slide using 21247-1-AP (ITIH3 Antibody) at dilution of 1:50. This data was developed using the same antibody clone with 21247-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human stomach cancer slide using 21247-1-AP (ITIH3 Antibody) at dilution of 1:50. This data was developed using the same antibody clone with 21247-1-PBS in a different storage buffer formulation.



IP result of anti-ITIH3 (IP:21247-1-AP, 4ug; Detection:21247-1-AP 1:1000) with human plasma lysate 4000ug. This data was developed using the same antibody clone with 21247-1-PBS in a different storage buffer formulation.