

For Research Use Only

Angiogenin Polyclonal antibody, PBS Only

Catalog Number: 18302-1-PBS



Basic Information

Catalog Number:

18302-1-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC054880

GeneID (NCBI):

283

UNIPROT ID:

P03950

Full Name:

angiogenin, ribonuclease, RNase A family, 5

Calculated MW:

17 kDa

Observed MW:

17 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse

Background Information

Angiogenin (ANG), an angiogenic ribonuclease, is a member of the vertebrate-specific, secreted RNASE superfamily. Angiogenin, originally identified as a tumor angiogenic factor, was related with the growth and metastasis of numerous tumors. Angiogenin has been proposed as a permissive factor for angiogenesis induced by other angiogenic factors, including vascular endothelial growth factor (VEGF), basic fibroblast growth factor, acidic fibroblast growth factor, and epidermal growth factor. Angiogenin production and secretion may be stimulated by hypoxia. Increased angiogenin serum levels have been associated with the incidence and severity of several human tumors, including HCC. It is a 17 kDa precursor which is cleaved to generate the 14 kDa mature protein.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

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)

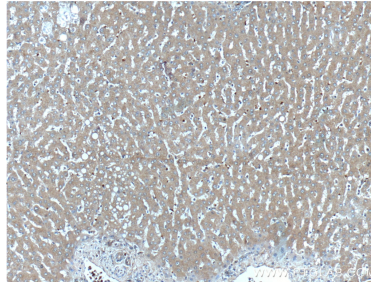
E: proteintech@ptglab.com
W: ptglab.com

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

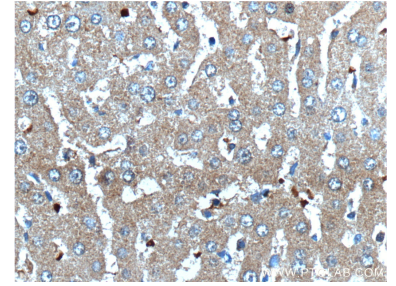
Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 18302-1-AP (Angiogenin antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 18302-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 18302-1-AP (Angiogenin antibody at dilution of 1:100 (under 10x lens). This data was developed using the same antibody clone with 18302-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 18302-1-AP (Angiogenin antibody at dilution of 1:100 (under 40x lens). This data was developed using the same antibody clone with 18302-1-PBS in a different storage buffer formulation.