

For Research Use Only

HAS3 Polyclonal antibody

Catalog Number:15609-1-AP

Featured Product

7 Publications



Basic Information

Catalog Number:

15609-1-AP

Size:

150ul , Concentration: 550 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7999

GenBank Accession Number:

BC021853

GeneID (NCBI):

3038

UNIPROT ID:

O00219

Full Name:

hyaluronan synthase 3

Calculated MW:

63 kDa

Observed MW:

63 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:100-1:400

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, FC, IHC

Species Specificity:

human, mouse, rat

Cited Species:

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 : PC-3 cells, L02 cells, mouse liver tissue

IHC : human liver cancer tissue,

Background Information

HAS3(hyaluronan synthase 3) belongs to the NodC/HAS family, which are widely expressed in human tissues and appear to function in embryogenesis, wound healing and other processes associated with cellular proliferation and migration(PMID:14566823). HAS3 is involved in the synthesis of the unbranched glycosaminoglycan hyaluronan, or hyaluronic acid, which is a major constituent of the extracellular matrix. It may play a role in the progression of colon cancer and, as such, may provide novel targets for diagnostic and therapeutic interventions(PMID:14566823). It has 2 isoforms produced by alternative splicing and the protein has a glycosylation site.

Notable Publications

Author	Pubmed ID	Journal	Application
Romana Videgar	33499323	Cancers (Basel)	WB,IHC,FC
Kana Marunaka	35008494	Int J Mol Sci	WB
Scott D Collum	31036697	Dis Model Mech	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

*** 20ul sizes contain 0.1% BSA

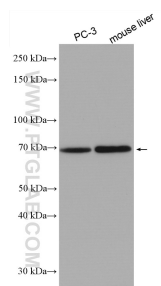
For technical support and original validation data for this product please contact:

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

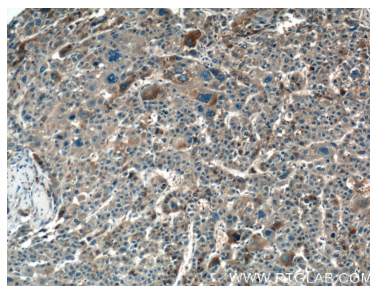
E: proteintech@ptglab.com
W: ptglab.com

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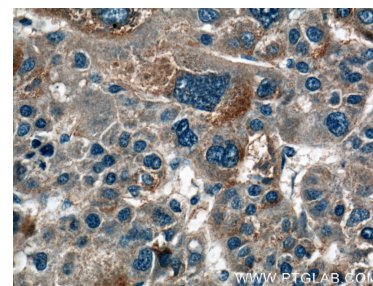
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15609-1-AP (HAS3 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 15609-1-AP (HAS3 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 15609-1-AP (HAS3 Antibody) at dilution of 1:200 (under 40x lens).