

For Research Use Only

HAS3 Polyclonal antibody

Catalog Number: 15609-1-AP

Featured Product

6 Publications



Basic Information

Catalog Number: 15609-1-AP	GenBank Accession Number: BC021853	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 3038	Recommended Dilutions: WB 1:500-1:1000 IHC 1:100-1:400
Source: Rabbit	Full Name: hyaluronan synthase 3	
Isotype: IgG	Calculated MW: 63 kDa	
Immunogen Catalog Number: AG7999	Observed MW: 63 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: FC, IHC, WB	WB : PC-3 cells, L02 cells, mouse liver tissue
Species Specificity: human, mouse, rat	IHC : human liver cancer tissue,
Cited Species: human	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

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 Vidergar	33499323	Cancers (Basel)	WB,IHC,FC
Kana Marunaka	35008494	Int J Mol Sci	WB
Scott D Collum	31036697	Dis Model Mech	WB,IHC

Storage

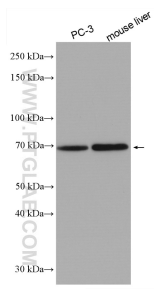
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

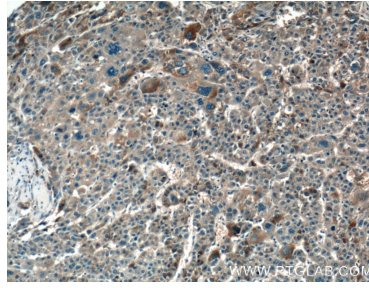
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

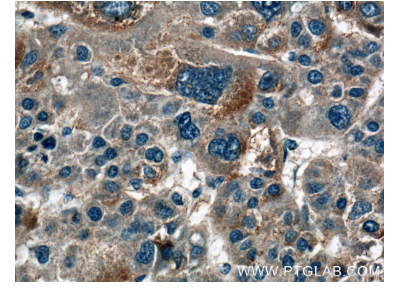
Selected Validation Data



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).