

For Research Use Only

HABP2 Polyclonal antibody

Catalog Number: 12863-1-AP **3 Publications**



Basic Information

Catalog Number: 12863-1-AP	GenBank Accession Number: BC031412	Purification Method: Antigen affinity purification
Size: 500 µg/ml	GeneID (NCBI): 3026	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q14520	
Isotype: IgG	Full Name: hyaluronan binding protein 2	
Immunogen Catalog Number: AG3981	Calculated MW: 560 aa, 63 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human liver cancer tissue,
Cited Applications: IHC	
Species Specificity: human	
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	

Background Information

HABP2 is also named as HGFAL, PHBP and belongs to the peptidase S1 family. It can activate coagulation factor VII and prothrombin and release the vasoactive peptide bradykinin by cleaving kininogen and is an important role in the regulation of the haemostasis system as well as fibroproliferative inflammatory processes (PMID:21655671). HABP2 is present as the 70 kDa inactive single chain precursor in human plasma and transforms to the active two chain form, 50 kDa heavy chain and 27 kDa light chain, and the 50 kDa heavy chain changes to two 26 kDa fragments, and 27 kDa light chain to 17 kDa and 8 kDa fragments, which are all bridged by disulfide linkages, by autocleavage (PMID:11217080).

Notable Publications

Author	Pubmed ID	Journal	Application
Yun Zhu	31660067	Theranostics	IHC
Hongcheng Luo	37294185	ACS Chem Neurosci	IHC
Li Huang	36715893	J Assoc Res Otolaryngol	IHC

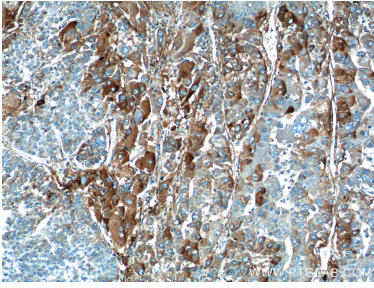
Storage

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

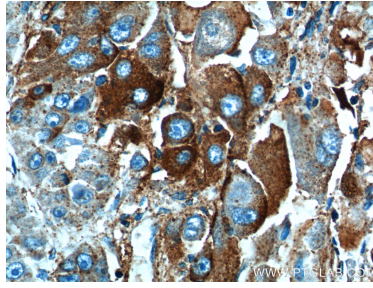
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 12863-1-AP (HABP2 Antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 12863-1-AP (HABP2 Antibody) at dilution of 1:100 (under 40x lens).