

HABP2 Polyclonal Antibody

Catalog number: 12863-1-AP

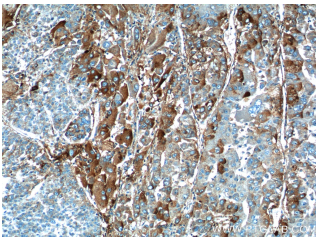
Size: 20 µg/150 µl

Source: Rabbit

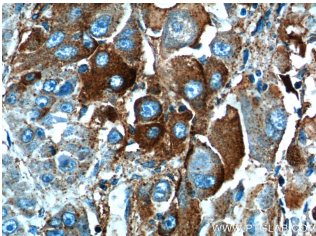
Isotype: IgG

Synonyms:

HABP2; Factor VII activating protease, FSAP, HABP, HABP2, HGFAL, hyaluronan binding protein 2, PHBP



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



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

Background

HABP2 is also named as HGFAL, PHBP and belongs to the peptidase S1 family. It can activate coagulation factor VII and prourokinase 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).

Applications

Tested applications:	ELISA, IHC
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated HABP2 MW:	560aa, 63 kDa
Observed HABP2 MW:	
Positive IHC detected in	Human liver cancer tissue
Recommended dilution:	IHC: 1:50-1:500

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag3981
GenBank accession number:	BC031412
Gene ID (NCBI):	3026
Full name:	Hyaluronan binding protein 2

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.