

Rabbit anti-Human, Mouse HABP2 Polyclonal Antibody | anti-HABP2 antibody

HABP2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322534	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

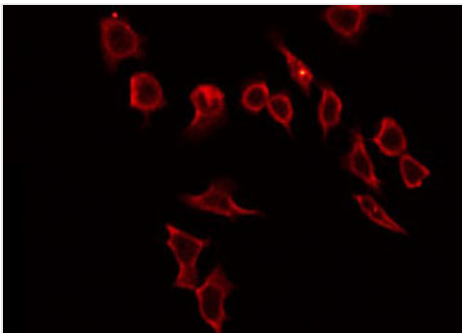
PRODUCT SYNONYMS

HABP2; Polyclonal Antibody; HABP2 Antibody; Factor seven activating protease; Factor seven-activating protease; Factor VII activating protein; Factor VII-activating protease; FSAP; HABP 2; HABP; Hapb2; HABP2_HUMAN; Hepatocyte growth factor activator like protein; Hepatocyte growth factor activator-like protein; HGFAL; Hyaluronan binding protein 2; Hyaluronan-binding protein 2 27 kDa light chain alternate form; Hyaluronic acid binding protein 2; PHBP; Plasma hyaluronan binding protein; Plasma hyaluronan-binding protein; anti-HABP2 antibody

PRODUCT SPECIFICATIONS

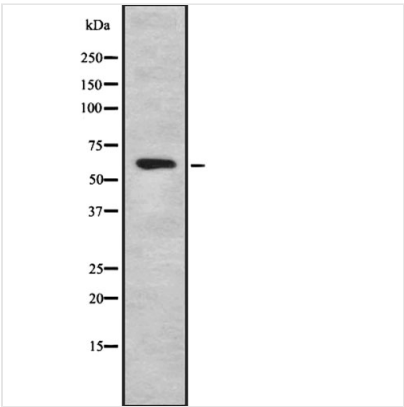
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	HABP2 antibody detects endogenous levels of total HABP2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	534
Applicable Applications for anti-HABP2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human HABP2
Subcellular Location	Secreted. Secreted as an inactive single-chain precursor and is then activated to a heterodimeric form.
Tissue Specificity	Ubiquitously expressed.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (88%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA322534 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of HABP2 using HeLa whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-HABP2 antibody

Function: Cleaves the alpha-chain at multiple sites and the beta-chain between 'Lys-53' and 'Lys-54' but not the gamma-chain of fibrinogen and therefore does not initiate the formation of the fibrin clot and does not cause the fibrinolysis directly. It does not cleave (activate) prothrombin and plasminogen but converts the inactive single chain urinary plasminogen activator (pro-urokinase) to the active two chain form. Activates coagulation factor VII (PubMed:8827452, PubMed:10754382, PubMed:11217080). May function as a tumor suppressor negatively regulating cell proliferation and cell migration (PubMed:26222560).

Subunit Structure: Heterodimer; disulfide-linked. Heterodimer of a 50 kDa heavy and a 27 kDa light chain linked by a disulfide bond (By similarity).

Post-translational Modifications: Proteolytic cleavage at Gly-23 or Met-27 can give rise to the 50 kDa heavy chain and cleavage at Arg-313 or Lys-319 can give rise to the 27 kDa light chain. The heavy chain can undergo further proteolytic cleavage at Lys-169 or Arg-170 to give rise to 2 inactive 26 kDa fragments and the light chain can undergo further proteolytic cleavage at Arg-480 to give rise to inactive 17 kDa and 8 kDa fragments (By similarity).

Similarity: Belongs to the peptidase S1 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	295054188
NCBI GeneID	3026
NCBI Accession #	NP_001171131.1
NCBI GenBank Nucleotide #	NM_001177660.2
UniProt Accession #	Q14520; O00663; A8K467; B7Z8U5; F5H5M6
Molecular Weight	Observed: 63 kDa Predicted: 63 kDa
NCBI Official Full Name	hyaluronan-binding protein 2 isoform 2
NCBI Official Synonym Full Names	hyaluronan binding protein 2
NCBI Official Symbol	HABP2
NCBI Official Synonym Symbols	FSAP; HABP; PHBP; HGFAL; NMTC5
NCBI Protein Information	hyaluronan-binding protein 2
UniProt Protein Name	Hyaluronan-binding protein 2
UniProt Gene Name	HABP2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/habp2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/322534>