Product Name: HABP2 Rabbit Polyclonal Antibody
Catalog #: APRab11884

Summary

Production Name	HABP2 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	HABP2
Alternative Names	HABP2; HGFAL; PHBP; Hyaluronan-binding protein 2; Factor VII-activating protease; Factor seven-activating protease; FSAP; Hepatocyte growth factor activator-like protein; Plasma hyaluronan-binding protein
Gene ID	3026.0
SwissProt ID	Q14520.Synthesized peptide derived from HABP2 . at AA range: 270-350

Application

Dilution Ratio	WB 1:500-1:2000. ELISA: 1:5000.
Molecular Weight	63kD

Background

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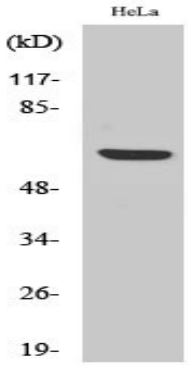
This gene encodes a member of the peptidase S1 family of serine proteases. The encoded preproprotein is secreted by hepatocytes and proteolytically processed to generate heavy and light chains that form the mature heterodimer. Further autoproteolysis leads to smaller, inactive peptides. This extracellular protease binds hyaluronic acid and may play a role in the coagulation and fibrinolysis systems. Mutations in this gene are associated with nonmedullary thyroid cancer and susceptibility to venous thromboembolism. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed. [provided by RefSeq, Jan 2016],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.,PTM: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.,similarity:Belongs to the peptidase S1 family.,similarity:Contains 1 kringle domain.,similarity:Contains 1 peptidase S1 domain.,similarity:Contains 3 EGF-like domains.,subcellular location:Secreted as an inactive single-chain precursor and is then activated to a heterodimeric form.,subunit:Heterodimer; disulfide-linked. Heterodimer of a 50 kDa heavy and a 27 kDa light chain linked by a disulfide bond.,tissue specificity:Ubiquitously expressed.,

Research Area

Image Data



Western Blot analysis of various cells using HABP2 Polyclonal Antibody

Note

For research use only.