

HABP2 (50k heavy chain, Cleaved-Arg313) rabbit pAb

Catalog No :	YC0167
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	HABP2
Gene Name :	HABP2 HGFAL PHBP
Protein Name :	HABP2 (50k heavy chain, Cleaved-Arg313)
Human Gene Id :	3026
Human Swiss Prot No :	Q14520
Mouse Gene Id :	226243
Mouse Swiss Prot No :	Q8K0D2
Rat Gene Id :	292126
Rat Swiss Prot No :	Q6L711
Immunogen :	Synthesized peptide derived from human HABP2 (50k heavy chain, Cleaved-Arg313)
Specificity :	This antibody detects endogenous levels of Human,Mouse,Rat HABP2 (50k heavy chain, Cleaved-Arg313, protein was cleaved amino acid sequence between 313-314)
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:1000-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography

using specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 50 77kD

Background : 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 : 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

Subcellular Location : Secreted . Secreted as an inactive single-chain precursor and is then activated to a heterodimeric form.

Expression : Ubiquitously expressed.

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