

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)

Q14520

Q8K0D2

Human Gene Id: 3026

Human Swiss Prot

No:

Mouse Gene ld: 226243

Mouse Swiss Prot

No:

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

1/2



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 Secreted . Secreted as an inactive single-chain precursor and is then activated

Location: to a heterodimeric form.

Expression : Ubiquitously expressed.

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