

Cleaved HABP2 (50k heavy chain,Arg313) Rabbit pAb

CatalogNo: YC0167

Key Features

Host Species

- Rabbit

Reactivity

- Human,Mouse,Rat

Applications

- WB,ELISA

MW

- 50kD,77kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:1000-2000

ELISA 1:5000-20000

Storage

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

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

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)

Target Information

Gene name HABP2 HGFAL PHBP

Protein Name	HABP2 (50k heavy chain, Cleaved-Arg313)		
	Organism	Gene ID	UniProt ID
	Human	3026;	Q14520;
	Mouse	226243;	Q8K0D2;
	Rat	292126;	Q6L711;

Cellular Localization Secreted . Secreted as an inactive single-chain precursor and is then activated to a heterodimeric form.

Tissue specificity Ubiquitously expressed.

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 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.,

| Validation Data

| Contact information

Orders: order@immunoway.com
 Support: tech@immunoway.com
 Telephone: 877-594-3616 (Toll Free), 408-747-0185
 Website: http://www.immunoway.com
 Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:
Cleaved HABP2 (50k heavy chain,Arg313) Rabbit pAb