透明质酸结合蛋白 2 50kDa 重链抗体

产品货号： mlR10991

英文名称： HABP2 50 kDa heavy chain

中文名称： 透明质酸结合蛋白 2 50kDa 重链抗体

别　　名： Hyaluronan-binding protein 2 50 kDa heavy chain; Hyaluronan-binding protein 2 50 kDa heavy chain alternate form; Factor seven activating protease; Factor seven-activating protease; Factor VII activating protein; Factor VII-activating protease; FSAP; HABP 2; HABP; Habp2; HABP2_HUMAN; Hepatocyte growth factor activator like protein; Hepatocyte growth factor activator-like protein; HGFAL; Hyaluronan binding protein 2; Hyaluronic acid binding protein 2; PHBP; Plasma hyaluronan binding protein; Plasma hyaluronan-binding protein.

研究领域： 心血管

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500（石蜡切片需做抗原修复）
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

分 子 量： 50kDa

细胞定位： 分泌型蛋白

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human Hyaluronan-binding protein 2 50 kDa heavy chain alternate form:151-250/560

亚　　型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed： PubMed

产品介绍： The protein encoded by this gene is an extracellular serine protease that binds hyaluronic acid and is involved in cell adhesion. The encoded protein is synthesized as a single chain, but then undergoes an autoproteolytic event to form the functional heterodimer. Further autoproteolysis leads to smaller, inactive peptides. This protease is known to cleave urinary plasminogen activator, coagulation factor VII, and the alpha and beta chains of fibrinogen, but not prothrombin, plasminogen, or the gamma chain of fibrinogen. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2010]

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.

Subunit:

Heterodimer; disulfide-linked. Heterodimer of a 50 kDa heavy and a 27 kDa light chain linked by a disulfide bond.

Subcellular Location:

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

Tissue Specificity:

Ubiquitously expressed.

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.

Similarity:

Belongs to the peptidase S1 family.

Contains 3 EGF-like domains.

Contains 1 kringle domain.

Contains 1 peptidase S1 domain.

SWISS:

Q14520

Gene ID:

3026

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.