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Rabbit Anti-HABP2 27 kDa light chain antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50906

Specification

Rabbit Anti-HABP2 27 kDa light chain antibody - Product Information

Application	**WB**
Primary Accession	Q14520
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**H=63,60;M=62,58;R=62 KDa**

Rabbit Anti-HABP2 27 kDa light chain antibody - Additional Information

Gene ID 3026

Other Names
Hyaluronan-binding protein 2, 3421-, Factor VII-activating protease, Factor seven-activating protease, FSAP, Hepatocyte growth factor activator-like protein, Plasma hyaluronan-binding protein, Hyaluronan-binding protein 2 50 kDa heavy chain, Hyaluronan-binding protein 2 50 kDa heavy chain alternate form, Hyaluronan-binding protein 2 27 kDa light chain, Hyaluronan-binding protein 2 27 kDa light chain alternate form, HABP2, HGFAL, PHBP

Dilution
WB~~1:1000

Format
0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage
Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles. 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 ℃.

Rabbit Anti-HABP2 27 kDa light chain antibody - Protein Information

Name HABP2

Synonyms HGFAL, PHBP

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 (PubMed:8827452, PubMed:10754382, PubMed:11217080). May function

as a tumor suppressor negatively regulating cell proliferation and cell migration (PubMed:26222560).

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

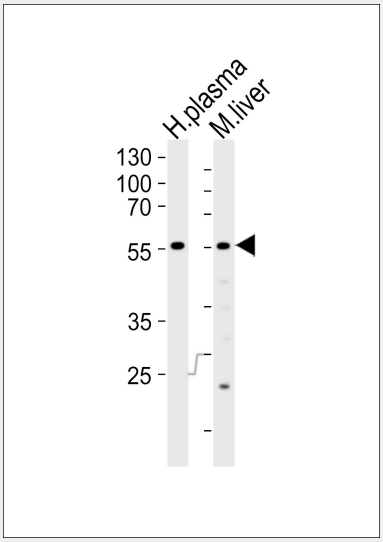
Tissue Location
Ubiquitously expressed.

Rabbit Anti-HABP2 27 kDa light chain antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Rabbit Anti-HABP2 27 kDa light chain antibody - Images



Western blot analysis of lysates from human plasma and mouse liver tissue lysate (from left to right), using Rabbit Anti-HABP2 27 kDa light chain antibody AP50906. AP50906 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.Lysates at 20ug per lane.

Rabbit Anti-HABP2 27 kDa light chain antibody - Background

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]

Rabbit Anti-HABP2 27 kDa light chain antibody - References

Choi-Miura N.-H.,et al.J. Biochem. 119:1157-1165(1996).
Kitamura N.,et al.Submitted (MAR-1995) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Deloukas P.,et al.Nature 429:375-381(2004).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.