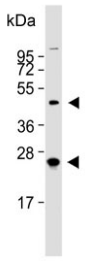
HABP2 Antibody / Hyaluronan-binding protein 2 (F54832)

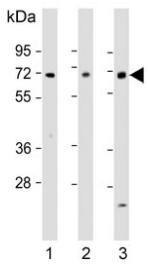
Catalog No.	Formulation	Size
F54832-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54832-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

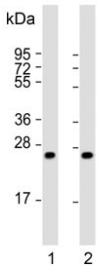
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q14520
Applications	Immunohistochemistry (FFPE): 1:50-1:100 Western blot: 1:1000-1:2000
Limitations	This HABP2 antibody is available for research use only.



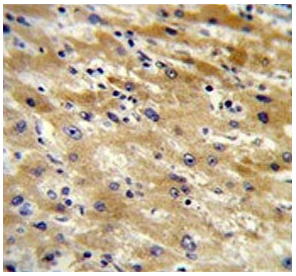
Western blot testing of human MCF7 cell lysate with HABP2 antibody. Predicted molecular weight ~63 kDa with processed forms at ~50 kDa, ~27 kDa and ~26 kDa.



Western blot testing of human 1) A549, 2) MCF7 and 3) liver tissue lysate with HABP2 antibody. Predicted molecular weight ~63 kDa with processed forms at ~50 kDa, ~27 kDa and ~26 kDa.



Western blot testing of 1) human liver and 2) mouse liver tissue lysate with HABP2 antibody. Predicted molecular weight ~63 kDa with processed forms at ~50 kDa, ~27 kDa and ~26 kDa.



IHC testing of FFPE human hepatocellular carcinoma tissue with HABP2 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

Description

HABP2 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.

Application Notes

The stated application concentrations are suggested starting points. Titration of the HABP2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 378-408 from the human protein was used as the immunogen for the HABP2 antibody.

Storage

Aliquot the HABP2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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