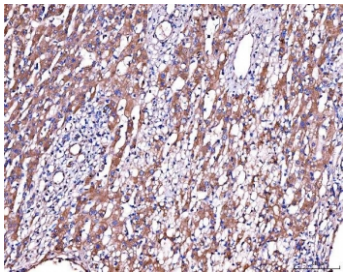
SERPINF2 Antibody / Alpha-2-Antiplasmin (RQ6901)

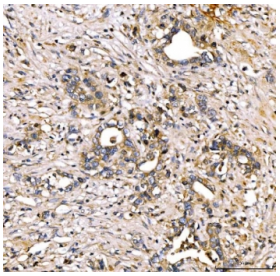
Catalog No.	Formulation	Size
RQ6901	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

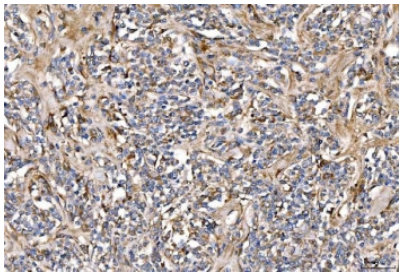
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P08697
Applications	Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This SERPINF2 antibody is available for research use only.



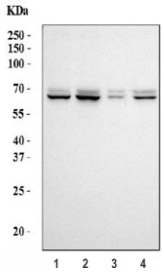
IHC staining of FFPE human liver cancer tissue with SERPINF2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human stomach cancer tissue with SERPINF2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human lymphoma tissue with SERPINF2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human 1) 293T, 2) HepG2, 3) K562 and 4) HCCT cell lysate with SERPINF2 antibody. Predicted molecular weight: ~55 kDa (isoform 1) and ~48 kDa (isoform 2), but can be observed at 55-65 kDa depending on glycosylation level.

Description

Alpha 2-antiplasmin (or a2-antiplasmin or plasmin inhibitor) is a serine protease inhibitor (serpin) responsible for inactivating plasmin. Plasmin is an important enzyme that participates in fibrinolysis and degradation of various other proteins. This protein is encoded by the SERPINF2 gene. This gene encodes a member of the serpin family of serine protease inhibitors. The protein is a major inhibitor of plasmin, which degrades fibrin and various other proteins. Consequently, the proper function of this gene has a major role in regulating the blood clotting pathway. Mutations in this gene result in alpha-2-plasmin inhibitor deficiency, which is characterized by severe hemorrhagic diathesis. Multiple transcript variants encoding different isoforms have been found for this gene.

Application Notes

Optimal dilution of the SERPINF2 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids K461-K491) was used as the immunogen for the SERPINF2 antibody.

Storage

After reconstitution, the SERPINF2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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