

anti- HSP47 antibody

Product Information

Catalog No.:	FNab04045
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

This gene encodes a member of the serpin superfamily of serine proteinase inhibitors. The encoded protein is localized to the endoplasmic reticulum and plays a role in collagen biosynthesis as a collagen-specific molecular chaperone. Autoantibodies to the encoded protein have been found in patients with rheumatoid arthritis. Expression of this gene may be a marker for cancer, and nucleotide polymorphisms in this gene may be associated with preterm birth caused by preterm premature rupture of membranes. Alternatively spliced transcript variants have been observed for this gene, and a pseudogene of this gene is located on the short arm of chromosome 9.

Immunogen information

Immunogen:	serpin peptidase inhibitor, clade H (heat shock protein 47), member 1, (collagen binding protein 1)
Synonyms:	47 kDa heat shock protein, AsTP3, CBP1, CBP2, Collagen binding protein, Colligin, gp46, HSP47, PIG14, PPRM, RA A47, Serpin H1, SERPINH1, SERPINH2
Observed MW:	Refer to figures
UniprotID :	P50454

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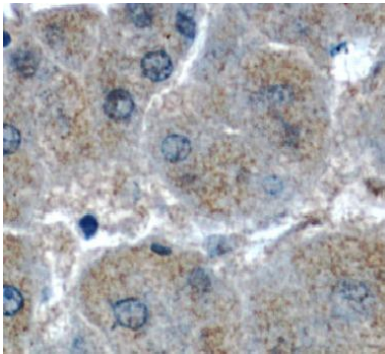
Application

Reactivity: Human, Mouse

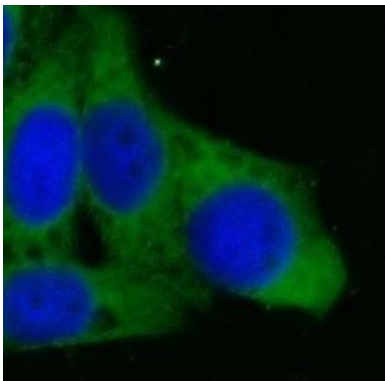
Tested Application: ELISA, IHC, WB, IF

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200; IF: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded human hepatocirrhosis tissue slide using FNab04045(SERPINH1 Antibody) at dilution of 1:50



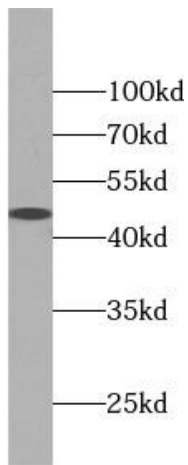
Immunofluorescent analysis of HeLa cells using FNab04045(SERPINH1 Antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L)

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HT-1080 cells were subjected to SDS PAGE followed by western blot with FNab04045(SERPINH1 antibody) at dilution of 1:1000