

SERPINH1 Rabbit Polyclonal Antibody

Catalog No: #53619

Package Size: #53619-1 50ul #53619-2 100ul

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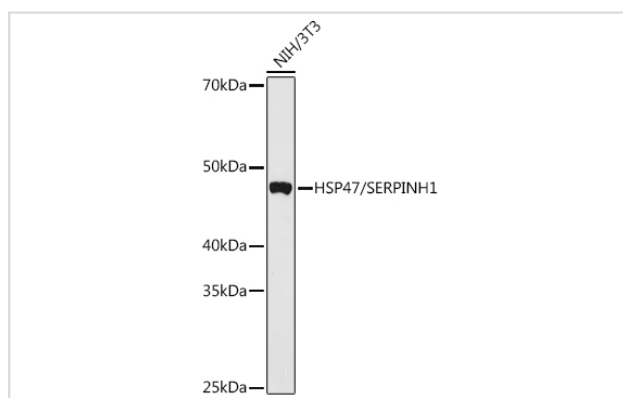
Description

Product Name	SERPINH1 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse
Immunogen Description	Recombinant fusion protein of human HSP47/HSP47/SERPINH1 (NP_001226.2).
Conjugates	Unconjugated
Other Names	SERPINH1;AsTP3;CBP1;CBP2;HSP47;OI10;PIG14;PPROM;RA-A47;SERPINH2;gp46;serpin H1
Accession No.	Uniprot:P50454GenelD:871
Calculated MW	46kDa
SDS-PAGE MW	46KDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

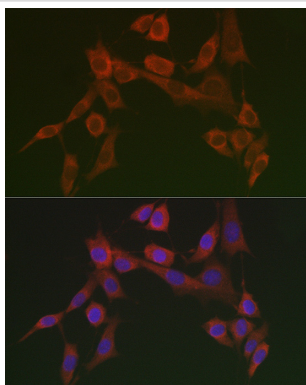
Application Details

WB□1:500 - 1:2000IF□1:50 - 1:200

Images



Western blot analysis of extracts of various cell lines, using HSP47/SERPINH1 antibody.



Immunofluorescence analysis of NIH/3T3 cells using HSP47/SERPINH1 Rabbit pAb.

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.