

Rabbit HSP47 Polyclonal Antibody | anti-SERPINH1 antibody

Anti-HSP47 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA262775	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

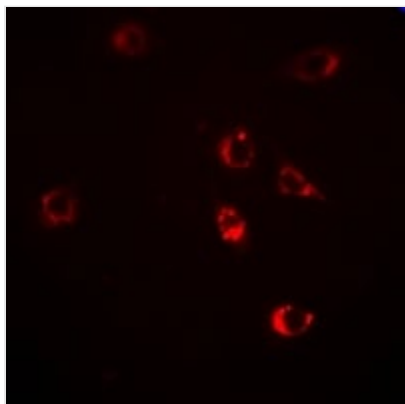
PRODUCT SYNONYMS

HSP47; Polyclonal Antibody; Anti-HSP47 Antibody; CBP1; CBP2; SERPINH2; Serpin H1; 47 kDa heat shock protein; Arsenic-transactivated protein 3; AsTP3; Cell proliferation-inducing gene 14 protein; Collagen-binding protein; Colligin; Rheumatoid arthritis-related antigen RA-A47; anti-SERPINH1 antibody

PRODUCT SPECIFICATIONS

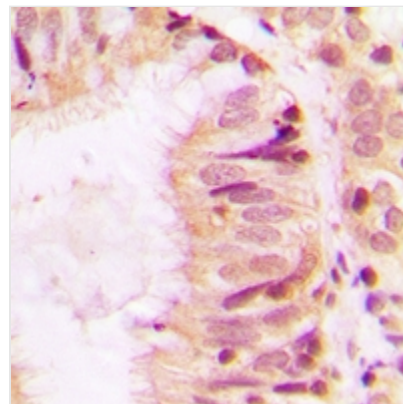
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of HSP47 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	418
Applicable Applications for anti-SERPINH1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human HSP47
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



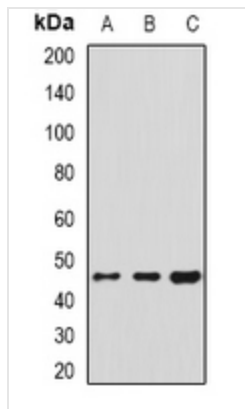
IF (Immunofluorescence)

Immunofluorescent analysis of HSP47 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of HSP47 staining in human colon cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of HSP47 expression in HeLa (A), U251 (B), THP1 (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-SERPINH1 antibody

Rabbit polyclonal antibody to HSP47

NCBI AND UNIPROT INFORMATION

NCBI GI #	333360851
NCBI GeneID	871
NCBI Accession #	NP_001193943.1
NCBI GenBank Nucleotide #	NM_001207014.1
UniProt Accession #	P50454; P29043; Q5XPB4; Q6NSJ6; Q8IY96; Q9NP88; B3KVJ3
Molecular Weight	46,441 Da
NCBI Official Full Name	serpin H1
NCBI Official Synonym Full Names	serpin family H member 1
NCBI Official Symbol	SERPINH1
NCBI Official Synonym Symbols	CBP1; CBP2; OI10; gp46; AsTP3; HSP47; PIG14; PPR0M; RA-A47; SERPINH2
NCBI Protein Information	serpin H1
UniProt Protein Name	Serpin H1
UniProt Gene Name	SERPINH1
UniProt Synonym Gene Names	CBP1; CBP2; HSP47; SERPINH2; AsTP3; Colligin
UniProt Entry Name	SERPH_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/hsp47-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/262775>