

Product datasheet for **TA371840**

Hsp47 (SERPINH1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: NIH/3T3 cell
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human SERPINH1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	46 kDa
Gene Name:	serpin family H member 1
Database Link:	Entrez Gene 871 Human P50454

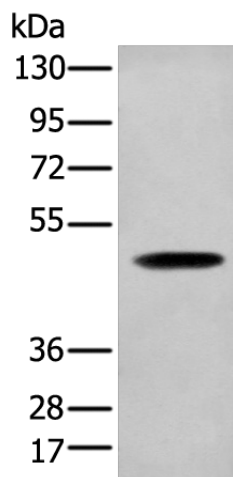
Background: This gene encodes a member of the serpin superfamily of serine proteinase inhibitors. The encoded protein is localized to the endoplasmic reticulum and plays a role in collagen biosynthesis as a collagen-specific molecular chaperone. Autoantibodies to the encoded protein have been found in 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.

Synonyms: AsTP3; CBP1; CBP2; colligen; Colligin; colligin-1; colligin-2; gp46; HSP47; PIG14; PPR0M; RA-A47; SERPINH2



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Product images:



Gel: 8%SDS-PAGE
Lysate: 40 μ g
Lane: NIH/3T3 cell
Primary antibody: TA371840 (SERPINH1 Antibody)
at dilution 1/450
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution
Exposure time: 5 seconds