

Product datasheet for **TA318915**

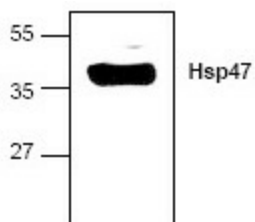
Hsp47 (SERPINH1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 0.5-4 ug/ml, IHC: 2.5ug/ml, IP: 20ug/ml
Reactivity:	Human, Mouse, Rat, Chicken
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide surrounding amino acid 407 of human HSP47
Formulation:	100 µg (0.2 mg/ml) Protein A purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	serpin family H member 1
Database Link:	NP_001226 Entrez Gene 12406 Mouse Entrez Gene 29345 Rat Entrez Gene 871 Human P50454
Background:	Heat shock proteins (HSPs) are ubiquitously expressed in all organisms. HSP47 is a molecule expressed constitutively in cells that synthesizes collagen. HSP47 is a procollagen-specific molecular chaperon that resides in the endoplasmic reticulum of procollagen-producing cells and is essential for secretion of procollagen from cells. Significantly, HSP47 plays a vital role in folding and assembling collagen. HSP47 is also known as colligin 1, serpinh1, collagen-binding protein 1 (CBP1) and gp46. The human HSP 47 gene encodes a 47 kDa protein.
Synonyms:	AsTP3; CBP1; CBP2; gp46; HSP47; OI10; PIG14; PPR0M; RA-A47; SERPINH2
Protein Families:	Druggable Genome



[View online »](#)

Product images:

Western blot analysis of Hsp47 expression in mouse small intestine tissue lysate.