

Datasheet for ABIN731033

anti-SERPINH1 antibody (AA 331-416)**1** Image**1** Publication[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	SERPINH1
Binding Specificity:	AA 331-416
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SERPINH1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HSP47
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat
Purification:	Purified by Protein A.

Target Details

Target:	SERPINH1
Alternative Name:	HSP47 (SERPINH1 Products)
Target Type:	Viral Protein

Target Details

Background:	Synonyms: CBP1, CBP2, OI1, gp46, AsTP3, HSP47, PIG14, PPR0M, RA-A47, SERPINH2, Serpin H1, 47 kDa heat shock protein, Arsenic-transactivated protein 3, Cell proliferation-inducing gene 14 protein, Collagen-binding protein, Colligin, Rheumatoid arthritis-related antigen RA-A47, SERPINH1 Background: Binds specifically to collagen. Could be involved as a chaperone in the biosynthetic pathway of collagen.
Gene ID:	871
UniProt:	P50454

Application Details

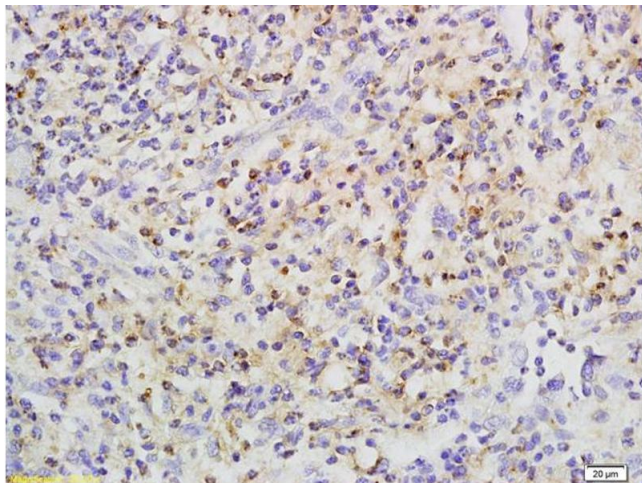
Application Notes:	WB 1:300-5000 ELISA 1:500-1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

Product cited in:	Kawai, Ogawa, Shimmura, Ohta, Suzuki, Kawamura, Kuwana, Kawakami, Tsubota: "Expression and localization of aging markers in lacrimal gland of chronic graft-versus-host disease." in: Scientific reports , Vol. 3, pp. 2455, (2013) (PubMed).
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Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat small intestine labeled with Anti-HSP47 Polyclonal Antibody, Unconjugated (ABIN731033) followed by conjugation to the secondary antibody and DAB staining