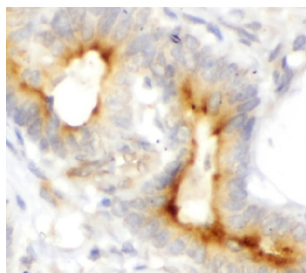


Serpin H1 (SERPINH1) Antibody

Catalogue No.: abx148964



IHC-P analysis of human colon tissue, using HSP47 antibody (1/50 dilution).

Serpin H1 (SERPINH1) Antibody is a Rabbit Polyclonal antibody for the detection of HSP47.

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.

Target:	Serpin H1 (SERPINH1)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, IHC
Host:	Rabbit
Recommended dilutions:	IHC: 1/20 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	serpin peptidase inhibitor, clade H (heat shock protein 47), member 1, (collagen binding protein 1)
Isotype:	IgG
Form:	Liquid
Purity:	≥ 95% (SDS-PAGE)
Purification:	Purified by immunogen affinity chromatography.

Datasheet

Version: 1.0.0

Revision date: 22 Jun 2025



Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

Validity: 12 months.

UniProt Primary AC: P50454 ([UniProt](#), [ExPASy](#))

Gene Symbol: SERPINH1

GeneID: [871](#)

OMIM: [600943](#)

HGNC: 1546

KEGG: hsa:871

Ensembl: ENSG00000149257

String: [9606.ENSP00000434412](#)

Buffer: PBS, pH 7.3, with 0.02% sodium azide and 50% glycerol.

Concentration: 2 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.