

Datasheet for ABIN6570319
anti-SERPINB1 antibody



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2 Images

Overview

Quantity:	200 µL
Target:	SERPINB1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SERPINB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant protein of human SERPINB1
Isotype:	IgG
Purification:	Affinity purification

Target Details

Target:	SERPINB1
Alternative Name:	SERPINB1 (SERPINB1 Products)
Background:	<p>Synonyms: Anti elastase,EI,ELANH2,Epididymis luminal protein 57,HEL57,ILEU,LEI,Leukocyte elastase inhibitor,M/NEI,MNEI,Monocyte/neutrophil elastase inhibitor,Peptidase inhibitor 2,Pi-2,PI2,Serine (or cysteine) proteinase inhibitor clade B (ovalbumin) member 1,Serpin B1,Serpin peptidase inhibitor clade B (ovalbumin) member 1,serpinb1</p> <p>Background: The protein encoded by this gene is a member of the serpin family of proteinase</p>

Target Details

	inhibitors. Members of this family maintain homeostasis by neutralizing overexpressed proteinase activity through their function as suicide substrates. This protein inhibits the neutrophil-derived proteinases neutrophil elastase, cathepsin G, and proteinase-3 and thus protects tissues from damage at inflammatory sites. Alternative splicing results in multiple transcript variants.
Molecular Weight:	Observed_MW: 43kDa Calculated_MW: 26kDa/42kDa
Gene ID:	1992
UniProt:	P30740

Application Details

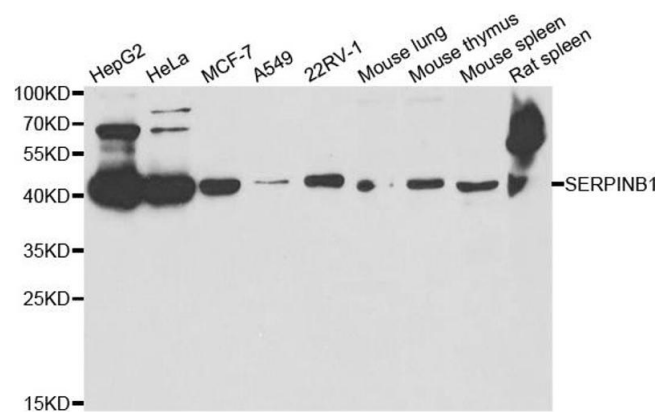
Application Notes:	WB 1:500 - 1:2000 IF 1:20 - 1:100
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using SERPINB1 antibody.



Immunofluorescence

Image 2. Immunofluorescence analysis of HeLa cells using SERPINB1 antibody.

