

Datasheet for ABIN2855001
anti-SERPINB5 antibody (Center)

2 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	SERPINB5
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SERPINB5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human MASPIN. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Mouse (Murine), Rat (Rattus)
Cross-Reactivity (Details):	Mouse (85 %), Rat (87 %)
Characteristics:	Rabbit Polyclonal antibody to MASPIN (serpin peptidase inhibitor, clade B (ovalbumin), member 5) MASPIN antibody [N3C3]
Purification:	Purified by antigen-affinity chromatography.

Target Details

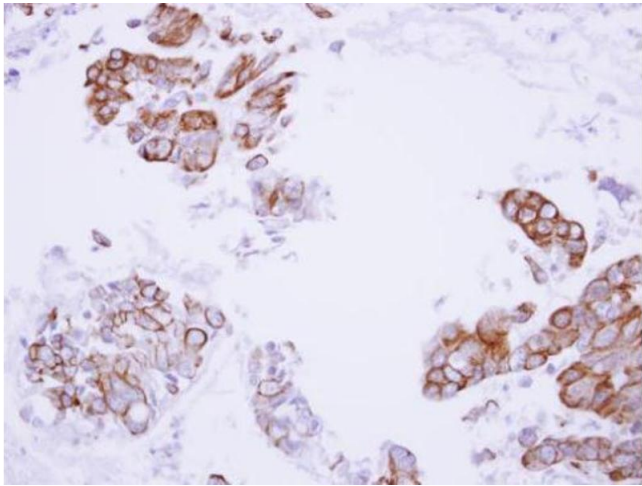
Target:	SERPINB5
Alternative Name:	MASPIN (SERPINB5 Products)
Background:	<p>Tumor suppressor. It blocks the growth, invasion, and metastatic properties of mammary tumors. As it does not undergo the S (stressed) to R (relaxed) conformational transition characteristic of active serpins, it exhibits no serine protease inhibitory activity.</p> <p>Cellular Localization: Secreted , extracellular space</p>
Molecular Weight:	42 kDa
Gene ID:	5268
Pathways:	p53 Signaling

Application Details

Application Notes:	<p>Suggested dilution Reference IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceIHC (Formalin-fixed paraffin-embedded sections)1:100-1:1000* Western blot1:500-1:3000*</p>
Comment:	Positive Control: A431 , HeLaS3 , HepG2
Restrictions:	For Research Use only

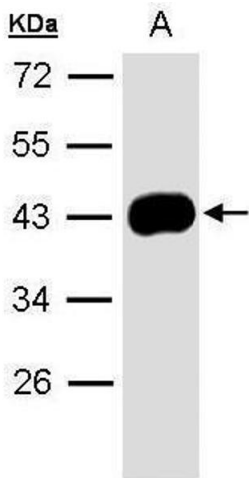
Handling

Format:	Liquid
Concentration:	0.81 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded human lung adenocarcinoma, using MASPIN, antibody at 1:100 dilution.



Western Blotting

Image 2. WB Image Sample(30 µg of whole cell lysate) A:A431, 10% SDS PAGE antibody diluted at 1:1000