

Datasheet for ABIN487960
anti-SERPINB5 antibody

7 Images

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Overview

Quantity:	50 µg
Target:	SERPINB5
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SERPINB5 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Highly purified recombinant Human Maspin.
Specificity:	This antibody recognizes Maspin/SERPINB5.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity Chromatography employing an immobilized Human Maspin matrix.

Target Details

Target:	SERPINB5
Alternative Name:	SERPINB5 / Maspin (SERPINB5 Products)
Background:	MASPIN is a 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.Synonyms: PI-5, PI5, Peptidase inhibitor 5, Protease inhibitor 5, Serpin B5

Target Details

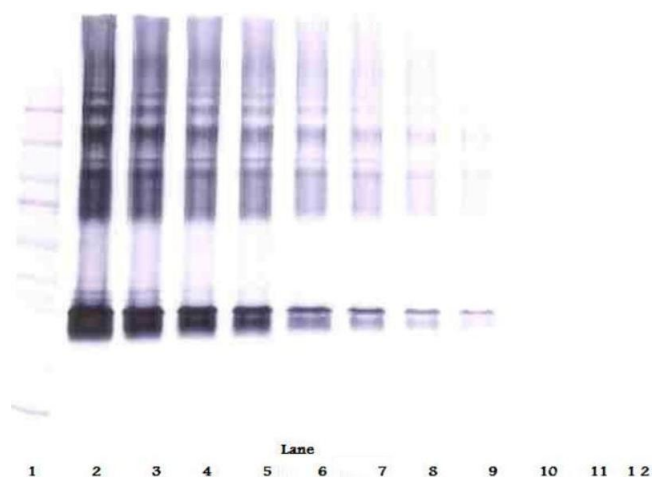
Gene ID:	5268
NCBI Accession:	NP_002630
UniProt:	P36952
Pathways:	p53 Signaling

Application Details

Application Notes:	<p>Sandwich Elisa: To detect Human Maspin by Sandwich ELISA (using 100 µL/well antibody solution) a concentration of 0.5-2.0 µg/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotinylated Anti-Human Maspin (ABIN487957 or ABIN487958) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant Human Maspin. Western Blot: To detect Human Maspin by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant Human Maspin is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.</p> <p>Other applications not tested.</p> <p>Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Restrictions:	For Research Use only

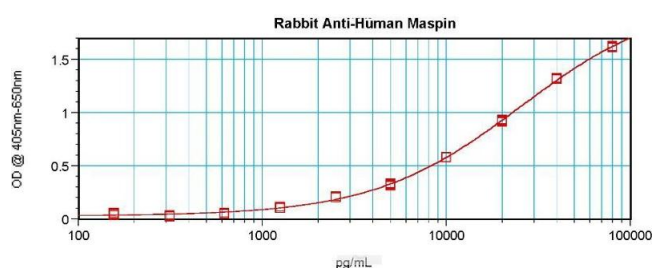
Handling

Reconstitution:	Restore in sterile water to a concentration of 0.1-1.0 mg/mL.
Buffer:	PBS, pH 7.2 without preservatives.
Preservative:	Without preservative
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody prior to reconstitution at -20 °C. Following reconstitution the antibody can be stored at 2-8 °C for one month or at -20 °C for longer.



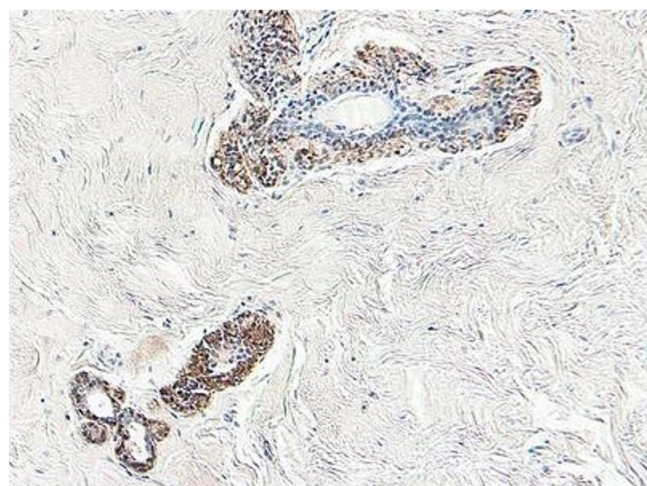
Western Blotting

Image 1. Western Blot (Unreduced) using Maspin antibody



Enzyme Immunoassay

Image 2. Sandwich ELISA using Maspin antibody



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-Fixed Paraffin-Embedded Sections of Human normal breast in situ using Maspin Antibody Cat.-No AP09877PU at 7.8-15.625 ng/mL with an overnight incubation at 4°C. An HRP-labeled polymer detection system was used with a DAB chromogen.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN487960.