

Rabbit Anti-Maspin antibody

SL0792R

Product Name	Maspin
Chinese Name	抑癌基因抗体
Alias	mammary serine proteinase inhibitor; Maspin; Ovalbumin; PI-5; PI5; Protease inhibitor 5; Serine (or cysteine) peptidase inhibitor, clade B, member 5; Serpin B5; serpin peptidase inhibitor; Serpin peptidase inhibitor, clade B (ovalbumin), member 5; SERPINB5; SPB5_HUMAN; Spi5; Spi7.
Research Area	Tumour Cell biology immunology
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Mouse,Rat(predicted:Human,Horse,Sheep)
Applications	WB=1:500-2000,ELISA=1:5000-10000 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	42kDa
Cellular localization	cytoplasmic
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human Maspin: 301-375/375
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	The Maspin protein is a sour depressant of nenzyme of a kind of silk ammonia

that represses the tumor, is the sour depressant of protei nenzyme one member within super household of the silk ammonia, it is in repress the tumor growth and transfer exertive certain function.

Function:

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.

Subunit:

Interacts with IRF6.

Subcellular Location:

Secreted, extracellular space.

Tissue Specificity:

Normal mammary epithelial cells.

Similarity:

Belongs to the serpin family. Ov-serpin subfamily.

SWISS:

P36952

Gene ID:

5268

Database links:

[Entrez Gene: 5268](#) Human

[Entrez Gene: 20724](#) Mouse

[Entrez Gene: 116589](#) Rat

[Omim: 154790](#) Human

[SwissProt: P36952](#) Human

[SwissProt: P70124](#) Mouse

[SwissProt: P70564](#) Rat

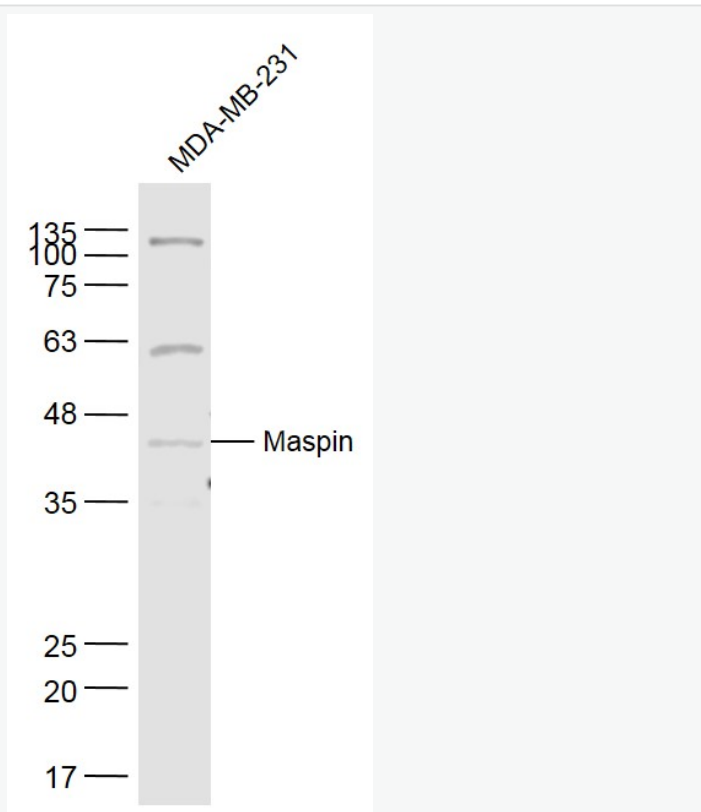
[Unigene: 55279](#) Human

[Unigene: 268618](#) Mouse

[Unigene: 25752](#) Rat

Maspin 蛋白是一种抑制 Tumour 的丝氨酸蛋白酶抑制剂, 是丝氨酸蛋白酶抑制剂超家族中的一员, 它在抑制 Tumour 生长和转移中发挥一定作用。

**Product
Picture**



Sample:

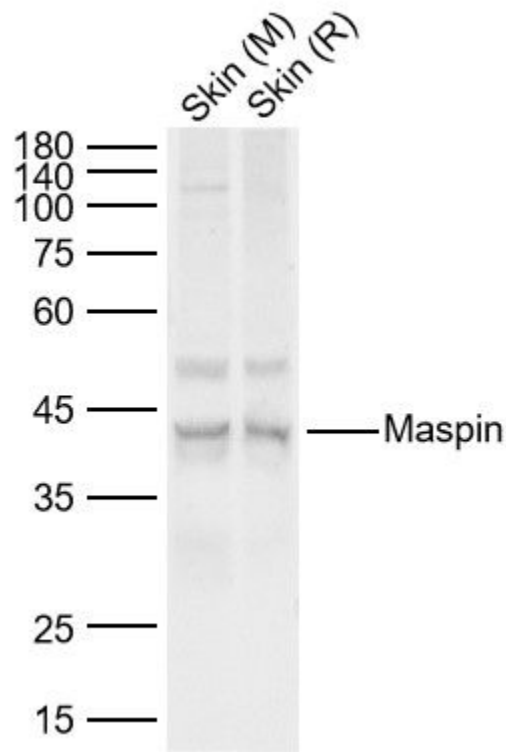
MDA-MB-231(Human) Cell Lysate at 40 ug

Primary: Anti-Maspin (SL0792R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 42 kD

Observed band size: 42 kD



Sample:

Lane 1: Mouse Skin Lysates

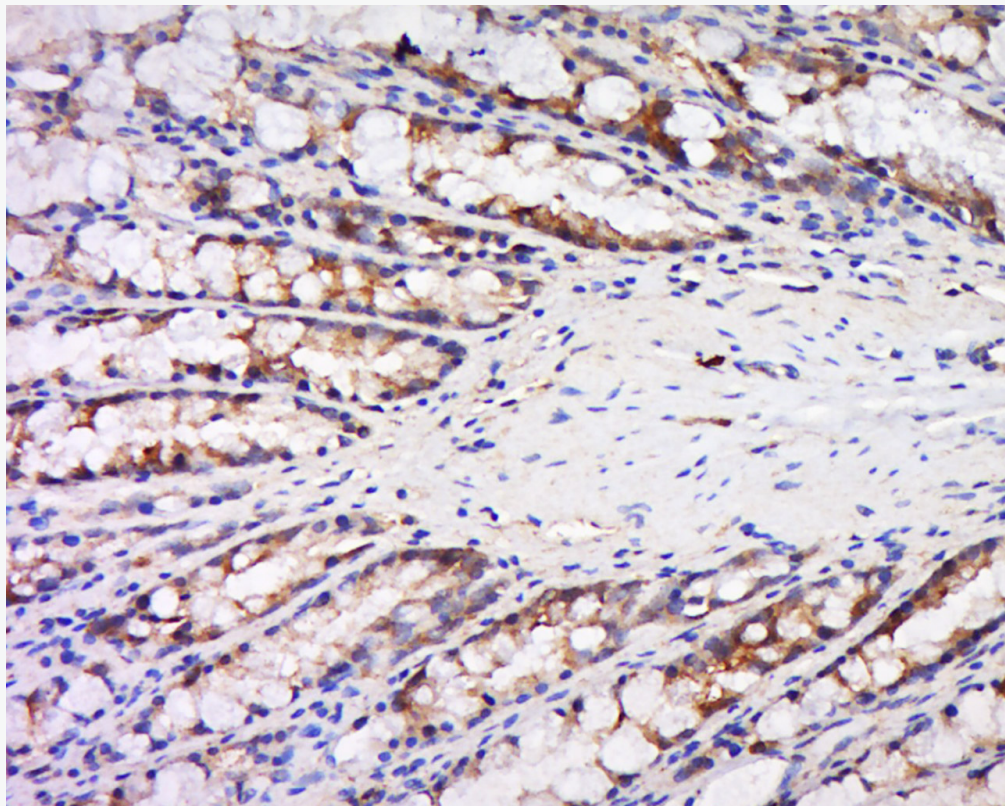
Lane 2: Rat Skin Lysates

Primary: Anti-Maspin (SL0792R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 42kDa

Observed band size: 42kDa



Tissue/cell: Rat rectum tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

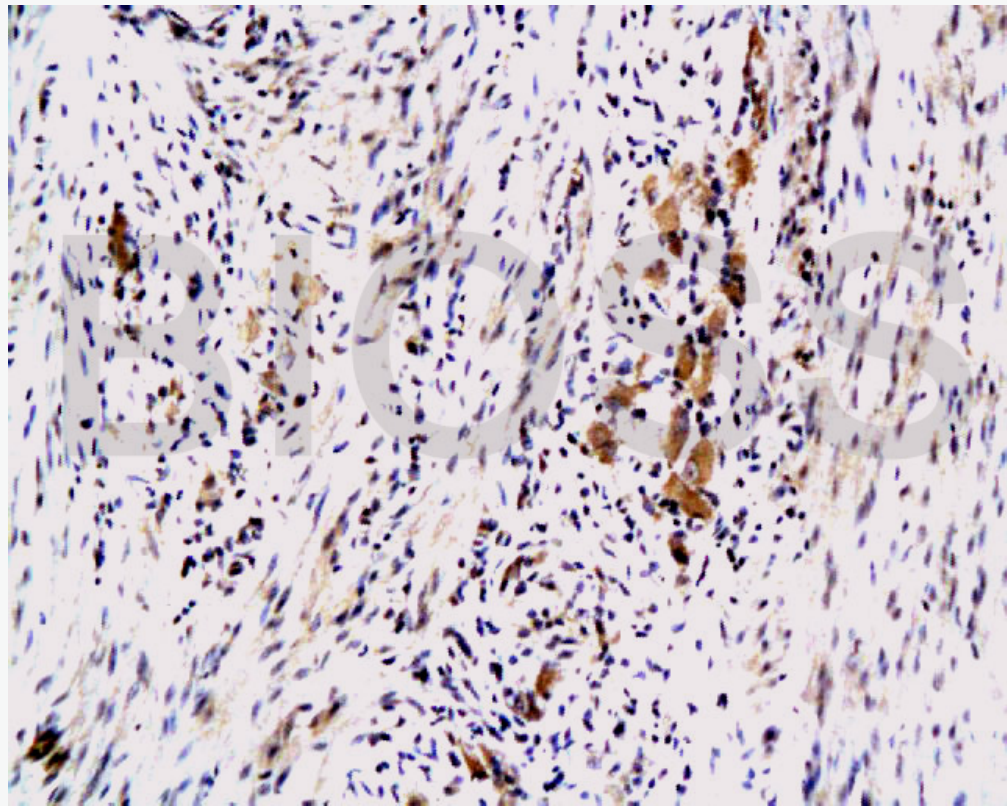
Antigen retrieval: citrate buffer (1M, pH 6.0), Boiling bathing for 15min;

Block endogenous peroxidase by 3% Hydrogen peroxide for 30min;

Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-Maspin Polyclonal Antibody, Unconjugated(SL0792R)

1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: human colon carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (1M, pH 6.0), Boiling bathing for 15min;

Block endogenous peroxidase by 3% Hydrogen peroxide for 30min;

Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-Maspin Polyclonal Antibody, Unconjugated(SL0792R)

1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining