



Rabbit Anti-Maspin antibody

SL0792R

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|-------------------------------|---|
| 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. |
| Organism Species: | Rabbit |
| Clonality: | Polyclonal |
| React Species: | Human,Mouse,Rat, |
| Applications: | WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user. |
| Molecular weight: | 42kDa |
| Cellular localization: | cytoplasmic |
| Form: | Lyophilized or Liquid |
| Concentration: | 1mg/ml |
| immunogen: | KLH conjugated synthetic peptide derived from human Maspin:301-375/375 |
| Lsotype: | IgG |
| Purification: | affinity purified by Protein A |
| Storage Buffer: | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |
| Storage: | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| 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

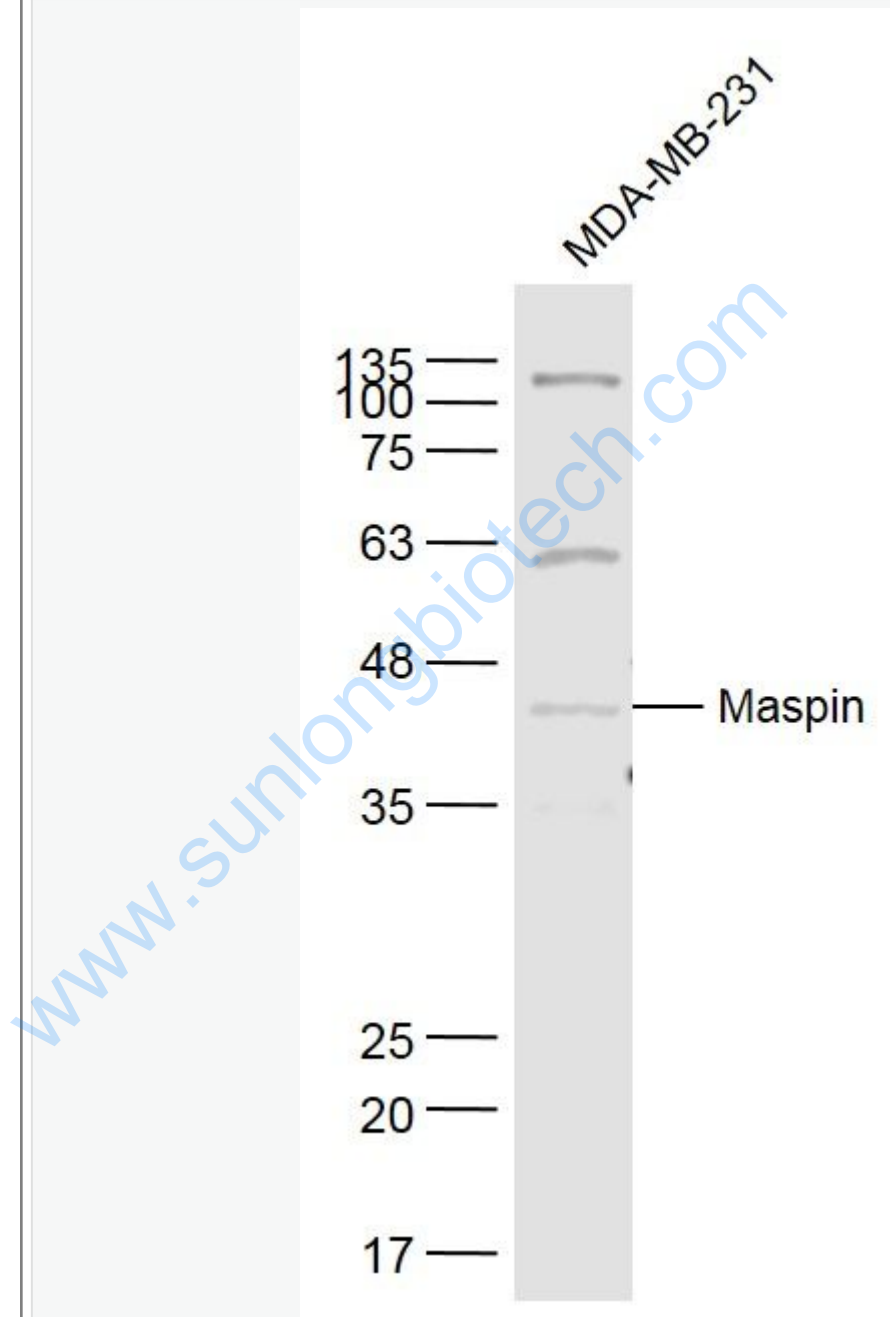
[Unigene: 25752](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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。

Picture:



Sample:

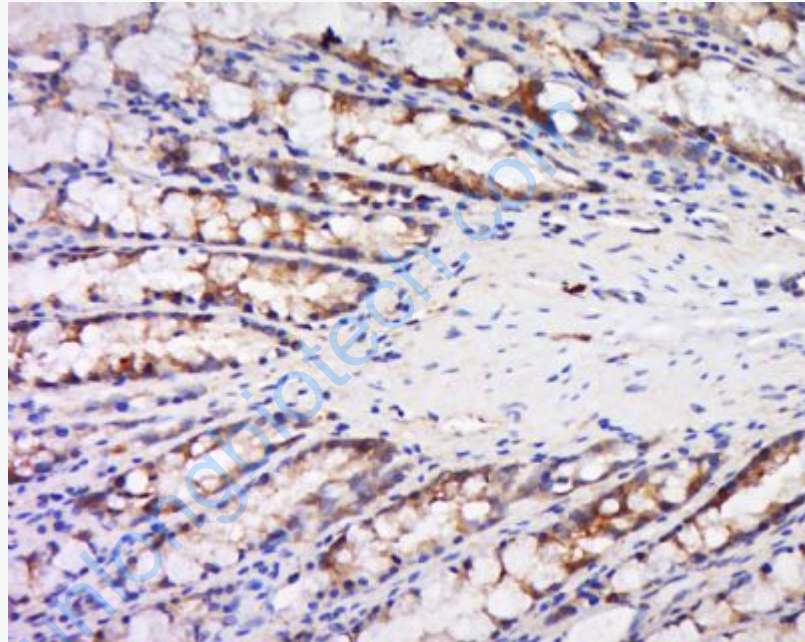
MDA-MB-231(Human) Cell Lysate at 40 ug

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

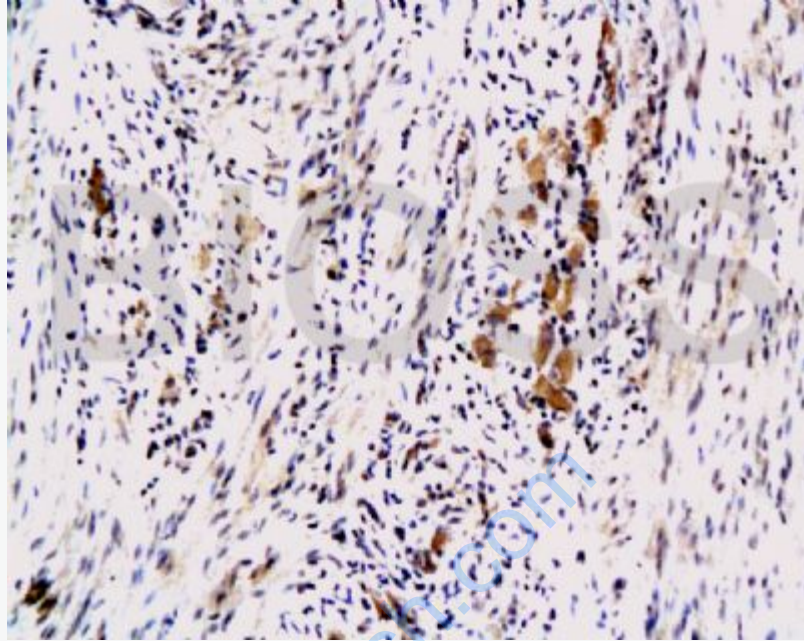
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 42 kD

Observed band size: 42 kD



Tissue/cell: Rat rectum tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (0.01M, 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 (0.01M, 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