

SERPINB5 Polyclonal Antibody

Catalog No. E-AB-64908

Note: Centrifuge before opening to ensure complete recovery of vial contents.

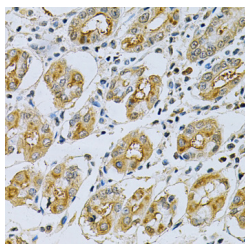
Description

Reactivity	Human, Mouse
Immunogen	Recombinant fusion protein of human SERPINB5 (NP_002630.2).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

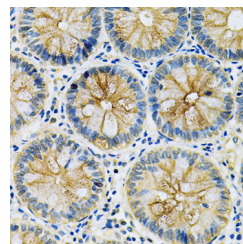
Applications Recommended Dilution

IHC 1:50-1:200

Data



Immunohistochemistry of paraffin-embedded Human stomach using SERPINB5 Polyclonal Antibody at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded Human rectum using SERPINB5 Polyclonal Antibody at dilution of 1:200 (40x lens).

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

Maspin (mammary serine protease inhibitor) also known as serpin B5 is a protein that in humans is encoded by the SERPINB5 gene.[1] This protein belongs to the serpin (serine protease inhibitor) superfamily.[1] SERPINB5 also functions as a tumor suppressor gene in epithelial cells. The expressed protein suppresses the ability of cancer cells to invade and metastasize other tissues. The protein also functions as an angiogenesis inhibitor. 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.

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