

Spasmolysin polyclonal antibody

Catalog: BS60387

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Trefoil peptides are protease resistant molecules secreted throughout the gut that play a role in mucosal healing and protection of the gastrointestinal epithelia. These peptides contain three intrachain disulfide bonds, forming the trefoil motif, or P-domain. SP (spasmolytic polypeptide), also designated Trefoil factor 2 (TFF2) precursor, is a trefoil protein that functions to inhibit gastrointestinal motility and gastric acid secretion. SP may also act as a structural component of the gastric mucus, possibly by stabilizing glycoproteins in the mucus gel through interactions with carbohydrate side chains. A downregulation of SP expression is associated with primary gastric cancer, and a progressive loss of this protein is likely to be involved in the early stage of the multi-step gastric carcinogenesis pathway.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 14 kDa

Swiss-Prot:

Q03403

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

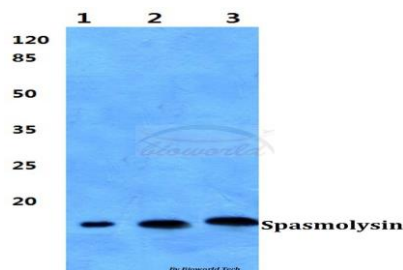
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Spasmolysin polyclonal antibody detects endogenous levels of Spasmolysin protein.

DATA:



Western blot (WB) analysis of Spasmolysin polyclonal antibody at 1:500 dilution

Lane1: HEK293T cell lysate

Lane2: Raw264.7 cell lysate

Lane3: Rat liver tissue lysate

Note:

For research use only, not for use in diagnostic procedure.

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