

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:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

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

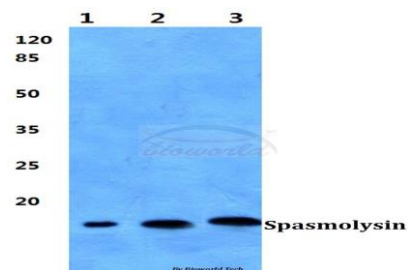
Storage&Stability:

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.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151