

ARG40985 anti-TFF2 / Spasmolytic Polypeptide antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TFF2 / Spasmolytic Polypeptide
Tested Reactivity	Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TFF2 / Spasmolytic Polypeptide
Species	Rat
Immunogen	Recombinant protein corresponding to E24-Y129 of Rat TFF2 / Spasmolytic Polypeptide.
Conjugation	Un-conjugated
Alternate Names	Trefoil factor 2; Spasmolysin; SP; SML1; Spasmolytic polypeptide

Application Instructions

Application table	Application	Dilution
	IHC-P	1:200 - 1:1000
	WB	1:500 - 1:2000
Application Note	IHC-P: Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0, epitope retrieval solution) for 20 min. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

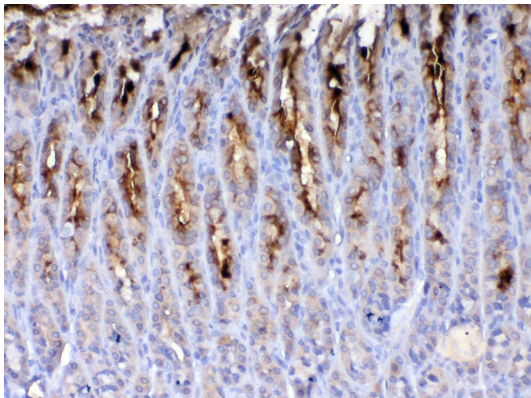
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl, 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

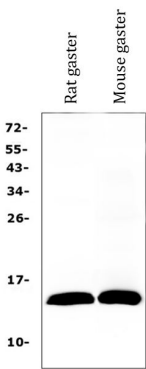
Gene Symbol	TFF2
Gene Full Name	trefoil factor 2
Background	Members of the trefoil family are characterized by having at least one copy of the trefoil motif, a 40-amino acid domain that contains three conserved disulfides. They are stable secretory proteins expressed in gastrointestinal mucosa. Their functions are not defined, but they may protect the mucosa from insults, stabilize the mucus layer and affect healing of the epithelium. The encoded protein inhibits gastric acid secretion. This gene and two other related trefoil family member genes are found in a cluster on chromosome 21. [provided by RefSeq, Jul 2008]
Function	Inhibits gastrointestinal motility and gastric acid secretion. Could function as a structural component of gastric mucus, possibly by stabilizing glycoproteins in the mucus gel through interactions with carbohydrate side chains (By similarity). [UniProt]
Calculated Mw	14 kDa
Cellular Localization	Secreted. [UniProt]

Images



ARG40985 anti-TFF2 / Spasmolytic Polypeptide antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat gaster tissue. Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0, epitope retrieval solution) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG40985 anti-TFF2 / Spasmolytic Polypeptide antibody at 1 µg/ml dilution, overnight at 4°C.



ARG40985 anti-TFF2 / Spasmolytic Polypeptide antibody WB image

Western blot: 50 µg of samples under reducing conditions. Rat gaster and Mouse gaster tissue lysates stained with ARG40985 anti-TFF2 / Spasmolytic Polypeptide antibody at 0.5 µg/ml, overnight at 4°C.