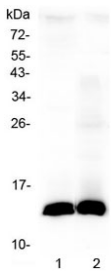
Tff2 Antibody / Trefoil factor 2 (R32976)

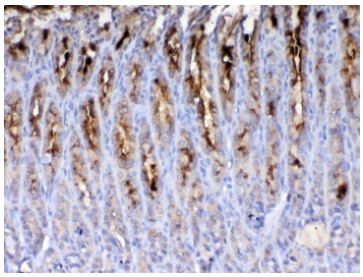
Catalog No.	Formulation	Size
R32976	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	Q09030
Localization	Cytoplasmic
Applications	Western Blot: 0.5-1ug/ml IHC (FFPE): 1-2ug/ml Direct ELISA (recombinant rat protein): 0.1-0.5ug/ml (BSA-free format available)
Limitations	This Tff2 antibody is available for research use only.



Western blot testing of 1) rat stomach and 2) mouse stomach lysate with Tff2 antibody at 0.5ug/ml. Predicted molecular weight ~14 kDa.



IHC testing of FFPE rat stomach tissue with Tff2 antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.

Description

Trefoil factor 2, also known as SP or SML1, is a protein that in humans is encoded by the TFF2 gene. This gene belongs to trefoil family, and members of the trefoil family may protect the mucosa from insults, stabilize the mucus layer, and affect healing of the epithelium. This gene is mapped to 21q22.3. TFF2 gene consists of 4 exons spanning 5.1 kb, with exons 2 and 3 encoding 1 trefoil domain each, and it is the only gene encoding 2 TFF-domains on separate exons. It has been found that the distribution of TFF2 and pS2 suggests involvement in repair-enhancing mechanisms.

Application Notes

Optimal dilution of the Tff2 antibody should be determined by the researcher.

Immunogen

A recombinant rat protein corresponding to amino acids E24-Y129 was used as the immunogen for the Tff2 antibody.

Storage

After reconstitution, the Tff2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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