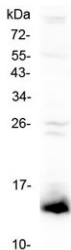


## Tff2 Antibody / Trefoil factor 2 (R32975)

Catalog No.	Formulation	Size
R32975	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

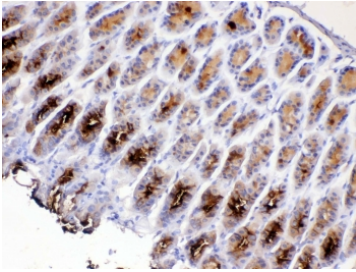
### Bulk quote request

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
<b>UniProt</b>	Q03404
<b>Localization</b>	Cytoplasmic
<b>Applications</b>	Western Blot : 0.5-1ug/ml IHC (FFPE) : 1-2ug/ml Direct ELISA (mouse Recombinant Protein) : 0.1-0.5ug/ml (BSA-free format available)
<b>Limitations</b>	This Tff2 antibody is available for research use only.

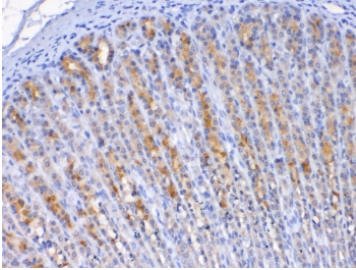


kDa  
72-  
55-  
43-  
34-  
26-  
17-  
10-

Western blot testing of mouse testis lysate with Tff2 antibody at 0.5ug/ml. Predicted molecular weight ~14 kDa.



IHC testing of FFPE mouse 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.



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 mouse 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.