

Rabbit Anti-Mouse Trefoil Factor 1 (TFF1) Polyclonal Antibody

Cat. No.: VD4N50

Product Type: Veterinary Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

BioVenic rabbit polyclonal antibody is specific for mouse trefoil factor 1. It is purified by protein A. It can be applied to WB, IHC, ICC and IP assays of mouse trefoil factor 1.

Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	C3N122
Host	Rabbit
Target Species	Mouse
Species Reactivity	Mouse
Specificity	Mouse Trefoil Factor 1
Isotype	IgG
Immunogen	Recombinant protein of mouse trefoil factor 1
Purification	Purified by Protein A
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.05% Proclin 300
Buffer	0.01M Phosphate Buffered Saline, pH 7.4, with 50% glycerol
Physical State	Liquid

Target Information

Mouse trefoil factor 1 (TFF1) is a 7 kDa secreted peptide whose three-disulfide trefoil domain folds into a rigid β -sheet hairpin that slots onto gastric mucin MUC5AC, stabilizing the surface mucous gel. A solvent-exposed "PSTG" loop (aa 30-39) projects a tyrosine

handle unique among TFF paralogs, offering a conformational epitope preserved after reduction and fixation. Polyclonal antibodies targeting this loop trace native TFF1 in stomach surface epithelium, Brunner glands, and serum, yielding crisp apical granules and single-band clarity on immunoblots with no cross-reaction to TFF2 or TFF3.

Target	Mouse Trefoil Factor 1
Target Synonym	BCEI; HP1.A; HPS2; PS2; PNR2
Gene ID	21784
UniProt ID	Q08423

Shipping and Storage

This product is shipped with wet ice packs. Store at -20°C on receipt (up to 12 months). Avoid repeated freezing and thawing as this may denature the antibody.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.