

TFF1 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV11076**Specification**

TFF1 Antibody - Product Information

Application	WB, IHC
Primary Accession	P04155
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	9150

TFF1 Antibody - Additional Information**Gene ID** 7031

Application & Usage	Western blotting (0.5-4 µg/ml) and Immunohistochemistry (5 µg/ml). Recombinant human TFF-1 can be used as a positive control. Other applications have not been tested.
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Other Names

TFF-1, TFF 1, TFF1, trefoil factor 1, trefoil factor, pS2 protein, HP1.A, Breast cancer estrogen-inducible protein, PNR-2

Target/Specificity

TFF1

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.5 mg/ml) affinity purified rabbit anti-TFF1 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

TFF1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

TFF1 Antibody - Protein Information

Name TFF1

Synonyms BCEI, PS2

Function

Stabilizer of the mucous gel overlying the gastrointestinal mucosa that provides a physical barrier against various noxious agents. May inhibit the growth of calcium oxalate crystals in urine.

Cellular Location

Secreted

Tissue Location

Found in stomach, with highest levels in the upper gastric mucosal cells (at protein level). Detected in goblet cells of the small and large intestine and rectum, small submucosal glands in the esophagus, mucous acini of the sublingual gland, submucosal glands of the trachea, and epithelial cells lining the exocrine pancreatic ducts but not in the remainder of the pancreas (at protein level). Scattered expression is detected in the epithelial cells of the gallbladder and submucosal glands of the vagina, and weak expression is observed in the bronchial goblet cells of the pseudostratified epithelia in the respiratory system (at protein level). Detected in urine (at protein level). Strongly expressed in breast cancer but at low levels in normal mammary tissue. It is regulated by estrogen in MCF-7 cells. Strong expression found in normal gastric mucosa and in the regenerative tissues surrounding ulcerous lesions of gastrointestinal tract, but lower expression found in gastric cancer (at protein level).

TFF1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TFF1 Antibody - Images

TFF1 Antibody - Background

The Trefoil Factor peptides (TFF1, TFF2 and TFF3) are expressed in the gastrointestinal tract, and appear to play an important role in intestinal mucosal defense and repair.