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TFF1 Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22076c

Specification

TFF1 Antibody (Center) - Product Information

Application	**WB, IF,E**
Primary Accession	P04155
Reactivity	**Human**
Host	**Rabbit**
Clonality	**polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**9150**

TFF1 Antibody (Center) - Additional Information

Gene ID 7031

Other Names
Trefoil factor 1, Breast cancer estrogen-inducible protein, PNR-2, Polypeptide P1.A, hP1.A, Protein pS2, TFF1, BCEI, PS2

Target/Specificity
This TFF1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 11-40 amino acids from the Central region of human TFF1.

Dilution
WB~~1:2000
IF~~1:25
E~~Use at an assay dependent concentration.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
TFF1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

TFF1 Antibody (Center) - 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

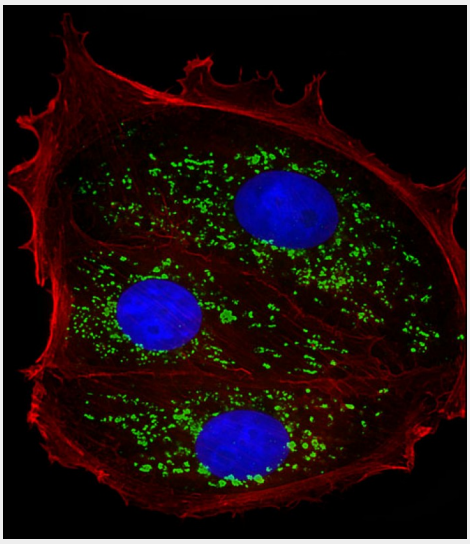
Tissue Location
Found in stomach, with highest levels in the upper gastric mucosal cells (at protein level). Detected in goblet cells of the small and large intestine and rectum, small submucosal glands in the esophagus, mucous acini of the sublingual gland, submucosal glands of the trachea, and epithelial 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 (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TFF1 Antibody (Center) - Images



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized MCF-7 (human breast cancer cell line) cells labeling TFF1 with AP22076c at 1/25 dilution, followed

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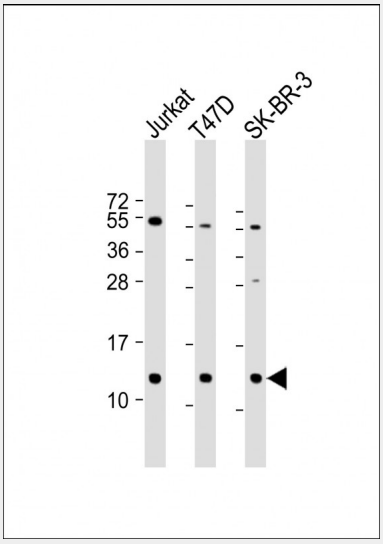
by Dylight® 488-conjugated goat anti-rabbit IgG (NK179883) secondary antibody at 1/200 dilution (green). Immunofluorescence image showing secreted staining on MCF-7 cell line. The nuclear counter stain is DAPI (blue).



All lanes : Anti-TFF1 Antibody (Center) at 1:2000 dilution Lane 1: Jurkat whole cell lysate Lane 2: T47D whole cell lysate Lane 3: SK-BR-3 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 9 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

TFF1 Antibody (Center) - Background

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.

TFF1 Antibody (Center) - References

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