

## ITF Polyclonal Polyclonal Antibody

<b>Catalog No :</b>	YT6276
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	IHC;ELISA
<b>Target :</b>	ITF
<b>Gene Name :</b>	TFF3 ITF TFI
<b>Protein Name :</b>	ITF Polyclonal
<b>Human Gene Id :</b>	7033
<b>Human Swiss Prot No :</b>	Q07654
<b>Immunogen :</b>	Synthesized peptide derived from human ITF Polyclonal AA range: 1-50
<b>Specificity :</b>	This antibody detects endogenous levels of human ITF Polyclonal
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	IHC 1:50-200, ELISA(peptide)1:5000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Background :</b>	Members of the trefoil family are characterized by having at least one copy of the trefoil motif, a 40-amino acid domain that contains three conserved disulfides. They are stable secretory proteins expressed in gastrointestinal mucosa. Their functions are not defined, but they may protect the mucosa from insults, stabilize the mucus layer and affect healing of the epithelium. This gene is expressed in

goblet cells of the intestines and colon. This gene and two other related trefoil family member genes are found in a cluster on chromosome 21. [provided by RefSeq, Jul 2008],

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**Function :**

function:Involved in the maintenance and repair of the intestinal mucosa. Promotes the mobility of epithelial cells in healing processes (motogen).,similarity:Contains 1 P-type (trefoil) domain.,subunit:Monomer. Homodimer; disulfide-linked.,tissue specificity:Expressed in goblet cells of the intestines and colon (at protein level). Expressed by goblet cells of small and large intestinal epithelia and also by the uterus.,

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**Subcellular Location :**

Secreted, extracellular space, extracellular matrix . Cytoplasm .

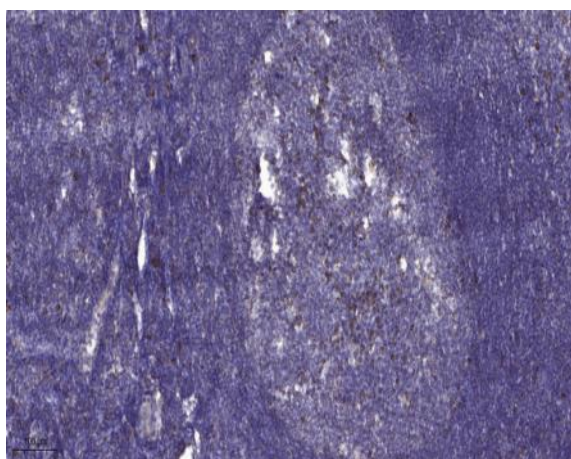
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**Expression :**

Expressed in goblet cells of the intestines and colon (at protein level). Expressed by goblet cells of small and large intestinal epithelia and also by the uterus. Also expressed in the hypothalamus where it is detected in paraventricular, periventricular and supraoptic nuclei (at protein level).

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## Products Images



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).