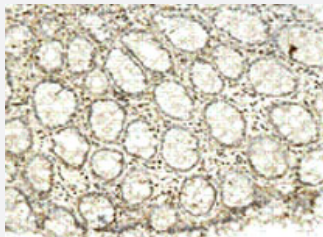


TGFA polyclonal antibody

Catalog # PAB19555 Size 100 ug

Applications



Immunohistochemistry

Immunohistochemical staining of rat colon tissue section with TGFA polyclonal antibody (Cat # PAB19555) at 1:500 dilution. DAB chromogenic staining.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic protein of TGFA.
Immunogen	Synthetic protein corresponding to human TGFA.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Lyophilized
Purification	Protein G purification
Recommend Usage	ELISA (1-2 ug/mL) Western Blot (2-10 ug/mL) Immunohistochemistry (2-10 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS.
Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with deionized water, store at 4°C for one month. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

- Immunohistochemistry

Immunohistochemical staining of rat colon tissue section with TGFA polyclonal antibody (Cat # PAB19555) at 1:500 dilution. DAB chromogenic staining.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — TGFA

Entrez GeneID [7039](#)

Protein Accession# [P01135](#)

Gene Name TGFA

Gene Alias TFGA

Gene Description transforming growth factor, alpha

Omim ID [190170](#)

Gene Ontology [Hyperlink](#)

Gene Summary Transforming growth factors (TGFs) are biologically active polypeptides that reversibly confer the transformed phenotype on cultured cells. TGF-alpha shows about 40% sequence homology with epidermal growth factor (EGF; MIM 131530) and competes with EGF for binding to the EGF receptor (MIM 131550), stimulating its phosphorylation and producing a mitogenic response.[supplied by OMIM]

Other Designations transforming growth factor-alpha

Pathway

- [ErbB signaling pathway](#)
- [Glioma](#)
- [Non-small cell lung cancer](#)

- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)
- [Renal cell carcinoma](#)

Disease

- [Adenocarcinoma](#)
- [Anodontia](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)
- [Irritable Bowel Syndrome](#)
- [Liver Neoplasms](#)
- [Mouth Neoplasms](#)
- [Pre-Eclampsia](#)
- [Prenatal Exposure Delayed Effects](#)
- [Stomach Neoplasms](#)
- [Tobacco Use Disorder](#)

- [Tooth Abnormalities](#)
- [Uniparental Disomy](#)