

TGF-alpha Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250875

Unit: 0.1 mg

Description:

Transforming growth factor (TGF-alpha, TGF-a, EGF-like TGF) is a polypeptide growth factor that shares significant structural and functional homology with epidermal growth factor (EGF). TGF is synthesized as a 160 amino acid transmembrane precursor molecule from which the mature 50 amino acid TGF alpha peptide is secreted following proteolytic cleavage by specific elastase-like enzymes. All the biological properties of TGF alpha and EGF are likely elicited by the binding of these ligands to the EGF receptor, therefore the biochemical cascade that follows activation of the EGF receptor tyrosine kinase is likely to be the same following activation of the receptor by either ligand.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, Rb, R

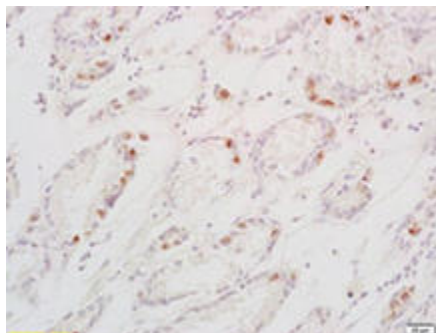
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: TGF-?; Transforming growth factor??; Protransforming growth factor alpha; Transforming growth factor alpha; TGF-alpha; EGF-like TGF; ETGF; TGF type 1; TGFA

Accession No.: P01135

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human TGF-alpha.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



TGF-alpha staining in gastric carcinoma. Formalin-fixed paraffin-embedded human gastric carcinoma tissue is stained with TGF-alpha Antibody (Cat. No. 250875) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.