

TGF-beta Receptor Type II Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250880

Unit: 0.1 mg

Description:

TGF-beta receptor type II (TGFR2) forms a heteromeric complex with TGFR1 after binding TGF-beta at the cell surface and activates TGFR2 by phosphorylation, subsequently binding and activation of the SMAD transcriptional regulators. Defects in TGFR2 are a cause of hereditary non-polyposis colorectal cancer type 6 (HNPCC6), esophageal cancer, and Loeys-Dietz syndromes (aortic aneurism syndrome).

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, R

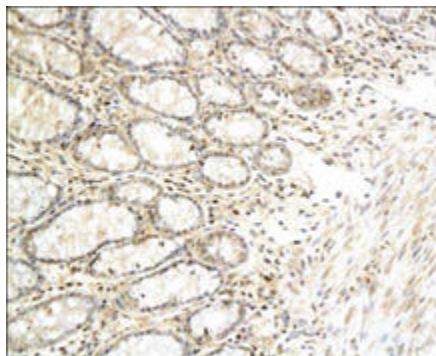
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: TGF-beta receptor type-2; Transforming growth factor-beta receptor type II; TGF-beta receptor type II; TGF-beta type II receptor; TbetaR-II; TGFR-2; TGFR2

Accession No.: P37173

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human TGFR2.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:200-1:500



TGF-beta Receptor Type II staining in rat colon. Paraffin-embedded rat colon is stained with TGF-beta Receptor Type II Antibody (Cat. No. 250880) used at 1:200 dilution.

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

Product Citations: Li S et al. 2012. Journal. PLoS ONE. 7(10): e48411. PMID# 23119007.

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