TGFβ RII (phospho Ser225) Polyclonal Antibody

Catalog No: #13481

Package Size: #13481-1 50ul #13481-2 100ul

Signalway Antibody
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Description

Product Name	TGFβ RII (phospho Ser225) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human,Mouse
Specificity	Phospho-TGFβ RII (S225) Polyclonal Antibody detects endogenous levels of TGFβ RII protein only when phosphorylated at S225.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human TGF beta Receptor II around the phosphorylation site of Ser225/250. AA range:191-240
Conjugates	Unconjugated
Other Names	TGFBR2; TGF-beta receptor type-2; TGFR-2; TGF-beta type II receptor; Transforming growth factor-beta receptor type II; TGF-beta receptor type II; TbetaR-II
Accession No.	Swiss Prot:P37173GeneID:7048
SDS-PAGE MW	65
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

WB 1:500-2000 ,Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

Background

transforming growth factor beta receptor 2(TGFBR2) Homo sapiens This gene encodes a member of the Ser/Thr protein kinase family and the TGFB receptor subfamily. The encoded protein is a transmembrane protein that has a protein kinase domain, forms a heterodimeric complex with another receptor protein, and binds TGF-beta. This receptor/ligand complex phosphorylates proteins, which then enter the nucleus and regulate the transcription of a subset of genes related to cell proliferation. Mutations in this gene have been associated with Marfan Syndrome, Loeys-Deitz Aortic Aneurysm Syndrome, and the development of various types of tumors. Alternatively spliced transcript variants encoding different isoforms have been characterized. [provided by RefSeq, Jul 2008],