

TGF β RII (phospho Ser225) Polyclonal Antibody

Catalog No: #13481



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

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	TGF β RII (phospho Ser225) Polyclonal Antibody
Host Species	Rabbit
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-TGF β RII (S225) Polyclonal Antibody detects endogenous levels of TGF β 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
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:P37173GenelD:7048
Uniprot	P37173
GenelD	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],

Note: This product is for in vitro research use only