

Product Name: TGF beta Receptor II Rabbit Polyclonal Antibody**Catalog #: APRab03848**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
Molecular Weight	Calculated MW: 65 kDa; Observed MW: 65 kDa

Antigen Information

Gene Name	TGFBR2
Alternative 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
Gene ID	7048
SwissProt ID	P37173
Immunogen	A synthetic peptide corresponding to target protein

Background

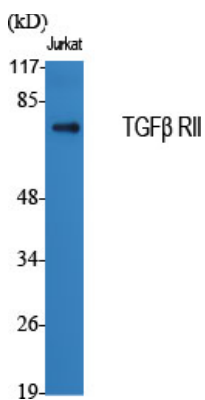
TGFβs mediate their activity by high affinity binding to the type II receptor (TGFβ RII) transmembrane protein with a

cytoplasmic serine-threonine kinase domain. For signaling growth inhibition and early gene responses the type II receptor requires both its kinase activity and association with a TGF β -binding protein, designated the type I receptor. Two independent groups have recently described the cloning and sequence analysis of genes encoding TGF β type I receptor proteins designated ALK-5 (T β R-1) and TSR-1, respectively.

Research Area

Signal Transduction

Image Data



Western blot analysis of TGF beta Receptor II in Jurkat lysates using TGF beta Receptor II antibody.