

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



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## Summary

<b>Production Name</b>	TGF beta Receptor II Rabbit Polyclonal Antibody
<b>Description</b>	Primary antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-F,IHC-P,ICC/IF,ELISA
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	TGFBR2
<b>Alternative Names</b>	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
<b>Gene ID</b>	7048
<b>SwissProt ID</b>	P37173

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 ELISA: 1/10000
<b>Molecular Weight</b>	Calculated MW: 65 kDa; Observed MW: 65 kDa

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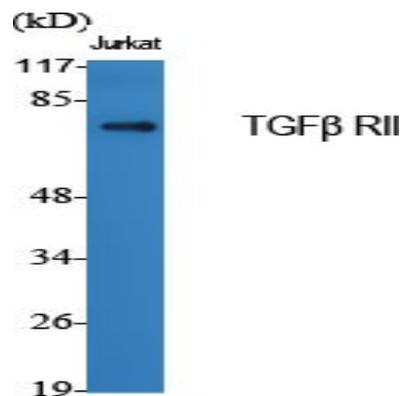
## Background

TGF $\beta$ s mediate their activity by high affinity binding to the type II receptor (TGF $\beta$  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 $\beta$ -binding protein, designated the type I receptor. Two independent groups have recently described the cloning and sequence analysis of genes encoding TGF $\beta$  type I receptor proteins designated ALK-5 (T $\beta$ 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.

## Note

For research use only.