

**Product Name: Phospho-TGF beta Receptor I (Ser165)  
Rabbit Polyclonal Antibody  
Catalog #: APRab00956**

---



## Summary

<b>Production Name</b>	Phospho-TGF beta Receptor I (Ser165) Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-P,ICC/IF,ELISA
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Phosphorylated
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<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 Purification

## Immunogen

<b>Gene Name</b>	TGFBR1 TGFBR1; ALK5; SKR4; TGF-beta receptor type-1; TGFR-1; Activin A receptor type II-like
<b>Alternative Names</b>	protein kinase of 53kD; Activin receptor-like kinase 5; ALK-5; ALK5; Serine/threonine-protein kinase receptor R4; SKR4; TGF-beta type I receptor; Transfor
<b>Gene ID</b>	7046
<b>SwissProt ID</b>	P36897.

## Application

<b>Dilution Ratio</b>	WB: 1:500-1:1000 IHC: 1:50-1:100 ICC: 1:100-1:200 ELISA: 1:10000
<b>Molecular Weight</b>	Calculated MW: 56 kDa; Observed MW: 56 kDa

**Product Name: Phospho-TGF beta Receptor I (Ser165)  
Rabbit Polyclonal Antibody  
Catalog #: AP Rab00956**

---



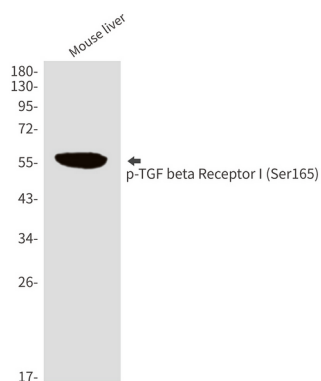
## Background

The protein encoded by this gene forms a heteromeric complex with type II TGF-beta receptors when bound to TGF-beta, transducing the TGF-beta signal from the cell surface to the cytoplasm. The encoded protein is a serine/threonine protein kinase.

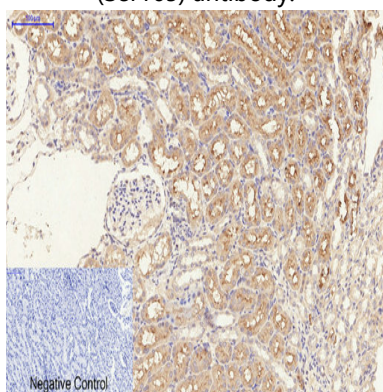
## Research Area

Cardiovascular

## Image Data



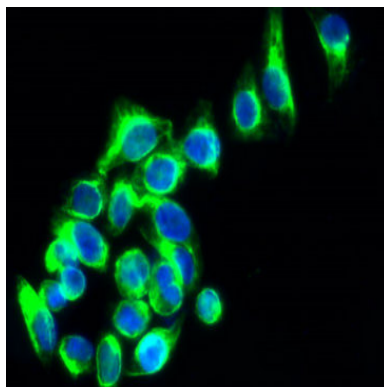
Western blot analysis of Phospho-TGF beta Receptor I (Ser165) in mouse liver lysates using Phospho-TGF beta Receptor I (Ser165) antibody.



Immunohistochemistry analysis of paraffin-embedded rat kidney tissue using Phospho-TGF beta Receptor I (Ser165) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

**Product Name: Phospho-TGF beta Receptor I (Ser165)  
Rabbit Polyclonal Antibody  
Catalog #: APRab00956**

---



Immunofluorescence analysis of Phospho-TGF beta Receptor I (Ser165) in HepG2 cells using Phospho-TGF beta Receptor I (Ser165) antibody(green).

### **Note**

For research use only.