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**Product Name: Phospho-IGF1 Receptor (Tyr1165/Tyr1166) Rabbit Polyclonal Antibody**  
**Catalog #: APRab00790**

For research use only.

## Summary

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

## Application

<b>Dilution Ratio</b>	WB 1:500-1:1000,ELISA 1:5000-1:20000
<b>Molecular Weight</b>	Calculated MW: 155 kDa; Observed MW: 155 kDa

## Antigen Information

<b>Gene Name</b>	IGF1R
<b>Alternative Names</b>	IGF1R; Insulin-like growth factor 1 receptor; Insulin-like growth factor I receptor; IGF-I receptor; CD antigen CD221
<b>Gene ID</b>	3480
<b>SwissProt ID</b>	P08069
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human IGF1R around the phosphorylation site of Tyr1165/Tyr1166. AA range:1131-1180

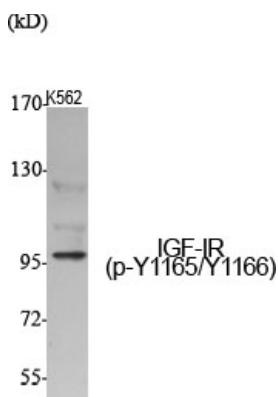
## Background

This receptor binds insulin-like growth factor with a high affinity. It has tyrosine kinase activity. The insulin-like growth factor I receptor plays a critical role in transformation events. Cleavage of the precursor generates alpha and beta subunits. It is highly overexpressed in most malignant tissues where it functions as an anti-apoptotic agent by enhancing cell survival. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, May 2014]

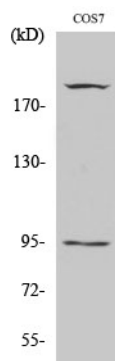
## Research Area

Signal Transduction

## Image Data



Western blot analysis of Phospho-IGF1 Receptor (Tyr1165/Tyr1166) in various lysates using Phospho-IGF1 Receptor (Tyr1165/Tyr1166) antibody.



Western blot analysis of Phospho-IGF1 Receptor (Tyr1165/Tyr1166) in COS7 lysates using Phospho-IGF1 Receptor (Y1165/Y1166) antibody.