

IGF-IR(Phospho Tyr1165/Y1166) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06683
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	The antiserum was produced against synthesized peptide derived from human IGF1R around the phosphorylation site of Tyr1165/Tyr1166. AA range:1131-1180
Mol wt	154793
Species reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Insulin-like growth factor 1 receptor
Synonyms	Insulin-like growth factor 1 receptor; IGF1R; Insulin-like growth factor 1 receptor; Insulin-like growth factor 1 receptor; IGF-1 receptor; CD antigen CD221

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

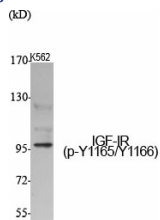
Recommended Dilution

WB: 1: 500 - 1: 2000

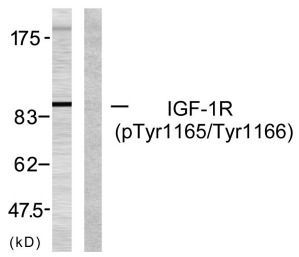
ELISA: 1: 20000

Not yet tested in other applications.

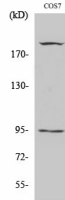
Images



Western Blot analysis of various cells using Phospho-IGF-IR (Y1165/Y1166) Polyclonal Antibody diluted at 1:500



Western Blot analysis of COS7 cells using Phospho-IGF-IR (Y1165/Y1166) Polyclonal Antibody diluted at 1:500



Western blot analysis of lysates from 293 cells treated with Insulin, using IGF1R (Phospho-Tyr1165/Tyr1166) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

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