

## IGF-IR(Phospho Tyr1346) Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP08820
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human IGF1R around the phosphorylation site of Tyr1346. AA range:1311-1360
<b>Mol wt</b>	154793
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	IHC-p, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Insulin-like growth factor 1 receptor
<b>Synonyms</b>	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.

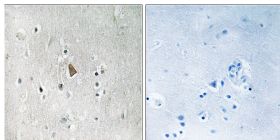
### Recommended Dilution

IHC-p: 1: 100 - 1: 300

ELISA: 1: 40000

Not yet tested in other applications.

### Images



Immunohistochemistry analysis of paraffin-embedded human brain, using IGF1R (Phospho-Tyr1346) Antibody. The picture on the right is blocked with the phospho peptide.

### Storage

-20°C for 1 year