

## IGF2R(Phospho-Ser2484) Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP08854
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	Synthesized peptide derived from human IGF2R (Phospho-Ser2484)
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	IHC-p, IF, WB
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	IGF2R
<b>Synonyms</b>	IGF2R ;Phospho-Ser2484; Cation-independent mannose-6-phosphate receptor; CI Man-6-P receptor; CI-MPR; M6PR; 300 kDa mannose 6-phosphate receptor; MPR 300; Insulin-like growth factor 2 receptor; Insulin-like growth factor II receptor; IGF-II receptor; M6P/IGF2 receptor; M6P/IGF2R; CD antigen CD222

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

### Background

This gene encodes a receptor for both insulin-like growth factor 2 and mannose 6-phosphate. The binding sites for each ligand are located on different segments of the protein. This receptor has various functions| including in the intracellular trafficking of lysosomal enzymes| the activation of transforming growth factor beta| and the degradation of insulin-like growth factor 2. Mutation or loss of heterozygosity of this gene has been association with risk of hepatocellular carcinoma. The orthologous mouse gene is imprinted and shows exclusive expression from the maternal allele; however| imprinting of the human gene may be polymorphic| as only a minority of individuals showed biased expression from the maternal allele (PMID:8267611).

### Recommended Dilution

WB: 1: 500 - 1: 2000

IHC-p: 1: 50 - 1: 200

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for 1 year