

Product datasheet for **TA377373**

IGF1 Receptor (IGF1R) Rabbit Polyclonal Antibody

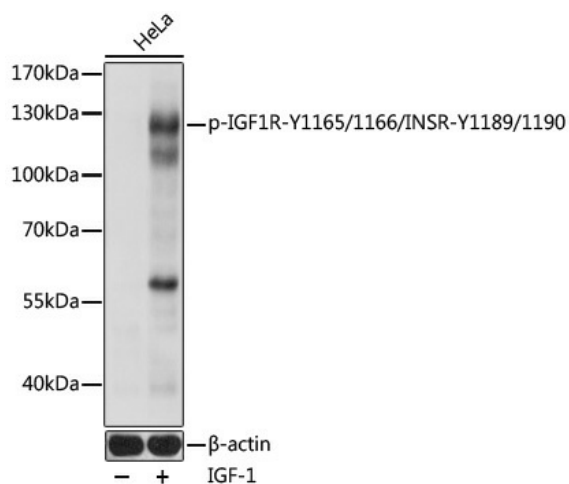
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB,1:500 - 1:2000
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho Y1165/1166,Phospho Y1189/1190
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A phospho specific peptide corresponding to residues surrounding Y1165/1166 of human INSR and Y1131 of human IGF1R
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	154kDa/155kDa/156kDa
Gene Name:	insulin like growth factor 1 receptor
Database Link:	Entrez Gene 3480 Human P08069
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]
Synonyms:	CD221; IGFIR; IGFR; JTK13; MGC18216; MGC142170; MGC142172



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Product images:



Western blot analysis of extracts of HeLa cells, using Phospho-IGF1R-Y1165/1166/INSR-Y1189/1190 pAb (TA377373) at 1:1000 dilution. HeLa cells were treated by IGF-1 (50 ng/mL) at 37°C for 30 minutes after serum-starvation overnight. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% BSA. | Detection: ECL Basic Kit. | Exposure time: 1s.