

Product datasheet for **TA321220**

IGF1 Receptor (IGF1R) Rabbit Polyclonal Antibody

Product data:

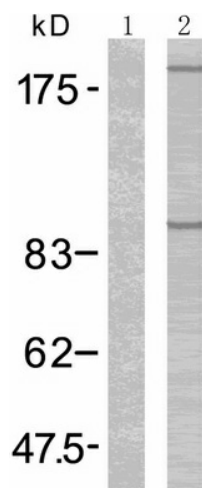
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide sequence around aa.1163~1167/1164~1168 (T-D-Y-Y-R-K) derived from Human IGF-1R .
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	155 kDa
Gene Name:	insulin like growth factor 1 receptor
Database Link:	NP_000866 Entrez Gene 16001 Mouse Entrez Gene 25718 Rat Entrez Gene 3480 Human P08069
Background:	This receptor binds insulin-like growth factor 1 (IGF1) with a high affinity and IGF2 with a lower affinity. It has a tyrosine-protein kinase activity, which is necessary for the activation of the IGF1-stimulated downstream signaling cascade. When present in a hybrid receptor with INSR, binds IGF1.
Synonyms:	CD221; IGFI; IGFR; JTK13
Protein Families:	Druggable Genome, Protein Kinase, Transmembrane



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Protein Pathways:

Adherens junction, Colorectal cancer, Endocytosis, Focal adhesion, Glioma, Long-term depression, Melanoma, Oocyte meiosis, Pathways in cancer, Progesterone-mediated oocyte maturation, Prostate cancer

Product images:

Predicted band size: 155 kDa. Positive control: 293 cells lysate. Recommended dilution: 1/ 500-1000. (Gel: 8%SDS-PAGE Lane 1: treated with the peptide Lane 2: 293 cells lysate Lysates: 30 ug per lane Primary antibody: 1/500 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 1 minute)