

Rabbit IGF-IR Polyclonal Antibody | anti-IGF-IR antibody

IGF-IR Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA171967	Rabbit	Human, Mouse, Rat	ELISA, Western Blot

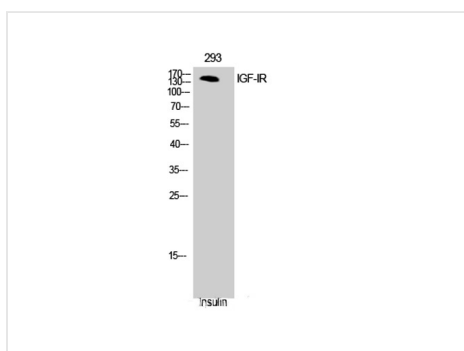
PRODUCT SYNONYMS

IGF-IR; Polyclonal Antibody; IGF-IR Polyclonal Antibody; IGF1R; Insulin-like growth factor 1 receptor; Insulinlike growth factor I receptor; IGF-I receptor; CD antigen CD221; anti-IGF-IR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol, pH 7.4
Applicable Applications for anti-IGF-IR antibody	ELISA, WB (Western Blot)
Immunogen	Synthesized peptide derived from human IGF-IR around the non-phosphorylation site of Y1165/Y1166.
Calculated MW	155 kDa
Observed MW	155 kDa
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of NIH-3T3 cells using IGF-IR Polyclonal Antibody at dilution of 1:500.

ADDITIONAL INFORMATION

Related Product Information for anti-IGF-IR antibody	Receptor tyrosine kinases (RTKs) are transmembrane molecular scaffolds that influence cellular processes including the cell cycle, cell migration, cell metabolism, cell survival, proliferation and differentiation. Insulinlike rowth factor-I receptor (IGF-IR) is an RTK that stimulates growth in many different cell types, blocks apoptosis, acts as an intermediate of many growth hormone responses and may stimulate the growth of some types of cancer. The IGF-IR cognate ligand Insulin-like growth factor-I (IGF-I) promotes association of IGF-IR with Shc, GRB2 and Sos 1, which initiates Ras and ERK kinase cascades,thereby modifying transcription factor activity, such as activation of the Elk transcription factors. The modular phosphotyrosine-binding (PTB) domains of Insulin receptor substrates (IRS)-1 and -2 can associate with active IGF-IR and initiate phosphatidylinositol 3-kinase-dependent downstream signals. The human IGF-IR gene maps to chromosome 15q26.3 and encodes a 1,376 amino acid precursor protein that cleaves into ? and ? subunits. The human IGFIIIR gene maps to chromosome 6q26 and encodes a 2,491 amino acid ransmembrane protein.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	629266062
NCBI GeneID	3480
NCBI Accession #	NP_001278787.1
NCBI GenBank Nucleotide #	NM_001291858.1
UniProt Accession #	P08069; Q14CV2; Q9UCC0; B1B5Y2
NCBI Official Full Name	insulin-like growth factor 1 receptor isoform 2
NCBI Official Synonym Full Names	insulin like growth factor 1 receptor
NCBI Official Symbol	IGF1R
NCBI Official Synonym Symbols	IGFR; CD221; IGFIR; JTK13
NCBI Protein Information	insulin-like growth factor 1 receptor
UniProt Protein Name	Insulin-like growth factor 1 receptor
UniProt Gene Name	IGF1R
UniProt Synonym Gene Names	IGF-I receptor
UniProt Entry Name	IGF1R_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/igf-ir-antibody-western-blot-elisa/171967>