

Rabbit IGF1R / IGF1 Receptor Polyclonal Antibody | anti-IGF1R antibody

Rabbit Polyclonal (IgG) to Human IGF1R / IGF1 Receptor

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51675	Rabbit	Human, Mouse, Rat	ELISA, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

IGF1R / IGF1 Receptor; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Human IGF1R / IGF1 Receptor; Anti-IGF1R / IGF1 Receptor Antibody (aa1126-1175) IHC-plus; IGF1R; CD221 antigen; CD221; IGF1 Receptor; IGFR; IGF-I receptor; Soluble IGF1R variant 1; Soluble IGF1R variant 2; Type 1 IGF receptor; IGFIIR; JTK13; Human IGF1R; anti-IGF1R antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	IGF1R (Ab-1161) Antibody detects endogenous levels of total IGF1R protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS (without Mg2+, Ca2+), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	1367
Applicable Applications for anti-IGF1R antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide from human IGF1R (aa1126-1175).
Immunogen	IGF1R / IGF1 Receptor antibody was raised against synthetic peptide from human IGF1R (aa1126-1175).
Antigen Modification	aa1126-1175
Preparation and Storage	Store at -20 degree C for up to one year.

IMAGES



WB (Western Blot)

Western blot of extracts from 293 cells, treated with Insulin, using IGF1R (Ab-1161) Antibody. The lane on the right is treated with the synthesized peptide.



IHC (Immunohistochemistry)

Anti-IGF1 Receptor antibody IHC of human pancreas. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-IGF1R antibody	IGF1R, an insulin receptor type protein kinase, mediates IGF1 stimulated cell proliferation and differentiation. IGF1R binds insulin-like growth factor I with high affinity and IGF II with a lower affinity. The protein has been shown to be highly expressed in most malignant tissues where it functions as an anti-apoptotic agent by enhancing cell survival.
Product Categories/Family for anti-IGF1R antibody	Family: Protein Kinase; Subfamily: Insulin receptor

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557665
NCBI GeneID	3480
NCBI Accession #	NP_000866.1
NCBI GenBank Nucleotide #	NM_000875.4
UniProt Accession #	P08069; Q14CV2; Q9UCC0; B1B5Y2
Molecular Weight	154,793 Da
NCBI Official Full Name	insulin-like growth factor 1 receptor isoform 1
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; IGF-I receptor; soluble IGF1R variant 1; soluble IGF1R variant 2; insulin-like growth factor I 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.