

Rabbit anti-Human IGF1R Polyclonal Antibody | anti-IGF1R antibody

IGF1R Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311930	Rabbit	Human	Immunohistochemistry, Western Blot

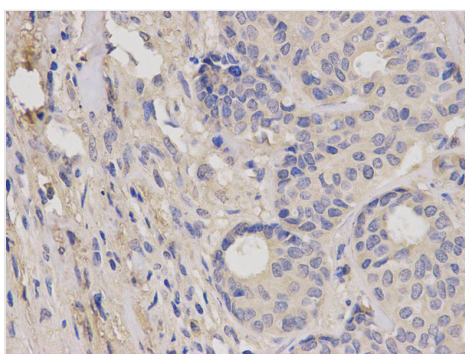
PRODUCT SYNONYMS

IGF1R; Polyclonal Antibody; IGF1R Antibody; CD221 antibody; CD221 antigen antibody; IGF 1 receptor antibody; IGF 1R antibody; IGF I receptor antibody; IGF-I receptor antibody; Igf1r antibody; IGF1R_HUMAN antibody; IGFIIR antibody; IGFIIR antibody; IGFR antibody; Insulin like growth factor 1 receptor antibody; Insulin like growth factor 1 receptor precursor antibody; Insulin-like growth factor 1 receptor beta chain antibody; Insulin-like growth factor I receptor antibody; JTK13 antibody; MGC142170 antibody; MGC142172 antibody; MGC18216 antibody; Soluble IGF1R variant 1 antibody; Soluble IGF1R variant 2 antibody; anti-IGF1R antibody

PRODUCT SPECIFICATIONS

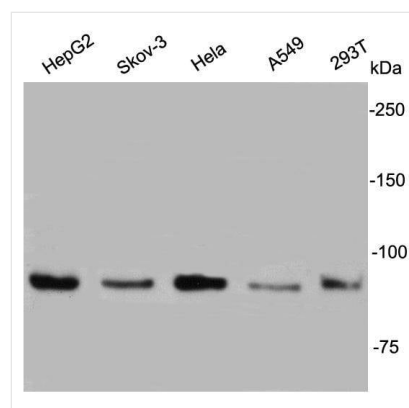
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 0.5%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-IGF1R antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Peptide
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-IGF1R rabbit polyclonal antibody.



WB (Western Blot)

Western blot analysis on cell lysates using anti-IGF1R rabbit polyclonal antibodies.

ADDITIONAL INFORMATION

Related Product Information for anti-IGF1R antibody	Type I insulin-like growth factor receptor (IGF-IR) is a transmembrane receptor tyrosine kinase that is widely expressed in many cell lines and cell types within fetal and postnatal tissues. The activated IGF1R is involved in cell growth and survival control. IGF1R is crucial for tumor transformation and survival of malignant cell. Ligand binding activates the receptor kinase, leading to receptor autophosphorylation, and tyrosines phosphorylation of multiple substrates, that function as signaling adapter proteins including, the insulin-receptor substrates (IRS1/2), Shc and 14-3-3 proteins. Phosphorylation of IRSs proteins lead to the activation of two main signaling pathways: the PI3K-AKT/PKB pathway and the Ras-MAPK pathway. The result of activating the MAPK pathway is increased cellular proliferation, whereas activating the PI3K pathway inhibits apoptosis and stimulates protein synthesis.
Product Categories/Family for anti-IGF1R antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557665
NCBI GeneID	3480
NCBI Accession #	NP_000866.1
NCBI GenBank Nucleotide #	NM_000875.3
UniProt Accession #	P08069; Q14CV2; Q9UCC0; B1B5Y2
Molecular Weight	154,793 Da
NCBI Official Full Name	insulin-like growth factor 1 receptor
NCBI Official Synonym Full Names	insulin-like growth factor 1 receptor
NCBI Official Symbol	IGF1R
NCBI Official Synonym Symbols	IGFR; CD221; IGFI; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/igf1r-antibody-immunohistochemistry-western-blot-elisa/311930>