

IGF-1R Antibody | anti-IGF-1R antibody

IGF-1R (Phospho-Tyr1280) Antibody

CATALOG # AAA111114	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

IGF-1R; IGF-1R (Phospho-Tyr1280) Antibody; anti-IGF-1R antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	IGF-1R(phospho-Tyr1280) antibody detects endogenous levels of IGF-1R only when phosphorylated at tyrosine 1280.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1367
Applicable Applications for anti-IGF-1R antibody	WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human IGF-1R around the phosphorylation site of tyrosine 1280 (S-F-Y(p)-Y-S).
Preparation and Storage	Store at -20 degree C for 1 year

ADDITIONAL INFORMATION

Product Categories/Family for anti-IGF-1R antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Morrione A, et al. (2000) Cancer Res. 60(8):2263-72. O'Connor R, et al. (1997) Mol Cell Biol. 1997 Jan; 17(1):427-35.

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; IGFIK; 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

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.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/igf-1r/111114>