

IGF1R Antibody | anti-IGF1R antibody

IGF1R (Phospho-Tyr1346) Antibody

CATALOG # AAA110143	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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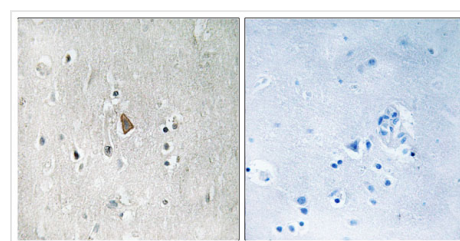
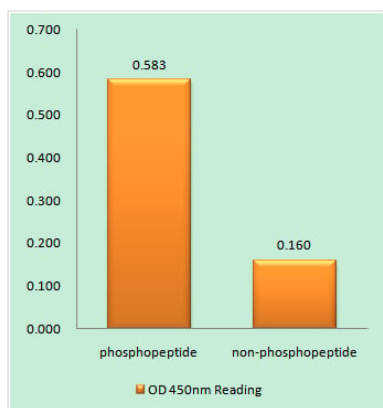
PRODUCT SYNONYMS

IGF1R; IGF1R (Phospho-Tyr1346) Antibody; CD221; EC 2.7.10.1; Insulin-like growth factor I receptor precursor; kinase IGF1R; anti-IGF1R antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	IGF1R (Phospho-Tyr1346) antibody detects endogenous levels of IGF1R only when phosphorylated at tyrosine 1346.
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-IGF1R antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human IGF1R around the phosphorylation site of tyrosine 1346 (Q-P-YP-A-H).
All Sites	Human: Tyr1346 Mouse: Tyr1352 Rat: Tyr1349
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using IGF1R (Phospho-Tyr1346) antibody. IGF1R (Phospho-Tyr1346) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nm are shown in the ELISA figure.

ADDITIONAL INFORMATION

Product Categories/Family for anti-IGF1R antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Ullrich A., EMBO J. 5:2503-2512(1986). Abbot A.M., J. Biol. Chem. 267:10759-10763(1992). The MGC Project Team; Genome Res. 14:2121-2127(2004).

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
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/igf1r/110143>