Rabbit anti-Human INSR/IGF1R Monoclonal Antibody | anti-INSR/IGF1R antibody

INSR/IGF1R Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282922	**Rabbit**	**Human**	**ELISA, Western Blot**

PRODUCT SYNONYMS

INSR/IGF1R; Monoclonal Antibody; INSR/IGF1R Rabbit mAb; HHF5; CD220; IGFR; CD221; IGFIR; JTK13; anti-INSR/IGF1R antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	LVVMELMAHG DLKSYLRSLR PEAENNPGRP PPTLQEMIQM AAEIADGMAY LNAKKFVHRD LAARNCMVAH DFTVKIGDFG MTRDIYETDY YRKGGKGLLP V
Applicable Applications for anti-INSR/IGF1R antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1100-1200 of human INSR/IGF1R. (NP_000199.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES

WB (Western Blot)
Western blot analysis of lysates from 3T3L1 cells, using INSR/IGF1R Rabbit mAb (AAA282922) at1:2000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 180s.

WB (Western Blot)
Western blot analysis of various lysates using INSR/IGF1R Rabbit mAb (AAA282922) at1:2000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-INSR/IGF1R antibody	This gene encodes a member of the receptor tyrosine kinase family of proteins. The encoded preproprotein is proteolytically processed to generate alpha and beta subunits that form a heterotetrameric receptor. Binding of insulin or other ligands to this receptor activates the insulin signaling pathway, which regulates glucose uptake and release, as well as the synthesis and storage of carbohydrates, lipids and protein. Mutations in this gene underlie the inherited severe insulin resistance syndromes including type A insulin resistance syndrome, Donohue syndrome and Rabson-Mendenhall syndrome. Alternative splicing results in multiple transcript variants.

Product Categories/Family for anti-INSR/IGF1R antibody	Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	119395736
NCBI GeneID	3643/3480
NCBI Accession #	NP_000199.2
NCBI GenBank Nucleotide #	NM_000208.2
UniProt Accession #	P06213; P08069
Molecular Weight	Calculated MW: 156kDa Observed MW: 97kDa
UniProt Protein Name	Insulin receptor
UniProt Gene Name	**INSR**
UniProt Synonym Gene Names	IR
UniProt Entry Name	INSR_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/monoclonal/insr-igf1r-antibody-western-blot-elisa/282922