Human INSRR Biotinylated Antibody

Antigen Affinity-purified Polyclonal Goat IgG

Catalog Number: BAF3055

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human INSRR in Western blots. In Western blots, less than 1% cross-reactivity with recombinant human INSR is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant human INSRR Leu24-Leu923 Accession # P14616
Formulation	Lyophilized from a 0.2 μm filtered solution in PBS with BSA as a carrier protein. See Certificate of Analysis for details.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

	Recommended Concentration	Sample
Western Blot	0.1 µg/mL	Recombinant Human INSRR

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	**Use a manual defrost freezer and avoid repeated freeze-thaw cycles.** ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

INSRR is a 175 kDa orphan receptor belonging to the insulin receptor subfamily of the receptor tyrosine kinase family. It is synthesized as a single chain type I transmembrane glycoprotein precursor and undergoes proteolytic processing to generate the mature disulfide linked α2/β2 tetrameric receptor. The α subunit is localized extracellularly while the transmembrane β subunit contains an extracellular domain, a transmembrane segment and a cytoplasmic kinase domain. A ligand for INSRR has not yet been identified. The extracellular domain of human INSRR shares approximately 90% amino acid sequence homology with the mouse protein.

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