Insulin Receptor-alpha Antibody

Subcategory: Rabbit Polyclonal Antibody
Cat. No.: 250722
Unit: 0.1 mg

Description:
INSR binds insulin and has a tyrosine protein kinase activity. The short isoform has a higher affinity for insulin. The receptor mediates the metabolic functions of insulin. The receptor binding to insulin stimulates association of the receptor with downstream mediators including IRS1 and phosphatidylinositol 3'-kinase (PI3K). Defects in INSR are the cause of insulin resistance. This antibody is against the alpha subunit.

Isotype: Rabbit Ig
Applications: E, WB, IHC
Species Reactivity: H, M, R
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 2% BSA with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.
Alternate Names: Insulin receptor; Insulin receptor subunit alpha; CD220 antigen; IR; INSR
Accession No.: P06213

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human INSR-alpha.
Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:200-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.