

Anti-Phospho-INSR (Y1361) Antibody

Catalog Number: P00447-1

About INSR

INSR(INSULIN RECEPTOR) is a tetramer of 2 alpha and 2 beta subunits that are coded by a single gene and are joined by disulfide bonds, a mechanism parallel to that of its ligand, insulin. It belongs to the large class of tyrosine kinase receptors. The insulin receptor gene is mapped to 19p13.2. The insulin receptor mediates their activity by causing the addition of a phosphate group to particular tyrosines on certain proteins within a cell. The INSR gene spans more than 120 kb and has 22 exons. Functional studies of the INSR SNPs show no effect on mRNA levels or splicing in peripheral blood leukocytes or on binding of insulin to mononuclear cells.

Overview

Product Name	Anti-Phospho-INSR (Y1361) Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-INSR (Y1361) Antibody catalog # P00447-1. Tested in WB, IHC, ICC, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P06213

Technical Details

Immunogen	A synthesized peptide derived from human IR around the phosphorylation site of Tyr1361.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-200 Immunocytochemistry/Immunofluorescence, 1:50-200

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For Research Use Only. Not for use in diagnostic procedures.