

Anti-Phospho-IRS2 (S1100) Antibody

Catalog Number: P00805

About IRS2

Insulin receptor substrate 2 (IRS2) is a protein that in humans is encoded by the IRS2 gene. It is mapped to 13q34. This gene encodes the insulin receptor substrate 2, a cytoplasmic signaling molecule that mediates effects of insulin, insulin-like growth factor 1, and other cytokines by acting as a molecular adaptor between diverse receptor tyrosine kinases and downstream effectors. The product of this gene is phosphorylated by the insulin receptor tyrosine kinase upon receptor stimulation, as well as by an interleukin 4 receptor-associated kinase in response to IL4 treatment. IRS2 is expressed in many cells, it may be essential for signaling by several receptor systems.

Overview

Product Name	Anti-Phospho-IRS2 (S1100) Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Phospho-IRS2 (S1100) Antibody catalog # P00805. Tested in WB, IHC, ICC, IF applications. This antibody reacts with Human, Mouse.
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	Q9Y4H2

Technical Details

Immunogen	A synthesized peptide derived from human IRS2 around the phosphorylation site of Ser1100.
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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