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IRS2 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP7789a

Specification

IRS2 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q9Y4H2

IRS2 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 8660

Other Names
Insulin receptor substrate 2, IRS-2, IRS2

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

IRS2 Antibody (N-term) Blocking Peptide - Protein Information

Name IRS2

Function
May mediate the control of various cellular processes by insulin.

Cellular Location
Cytoplasm, cytosol.

IRS2 Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

IRS2 Antibody (N-term) Blocking Peptide - Images

IRS2 Antibody (N-term) Blocking Peptide - Background

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 Antibody (N-term) Blocking Peptide - References

Barbieri, M., et al. J. Gerontol. A Biol. Sci. Med. Sci. 65(3):282-286(2010)Craig, D.W., et al. Diabet. Med. 26(11):1090-1098(2009)Rikova, K., et al. Cell 131(6):1190-1203(2007)