

**IRS2 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP7789a****Specification**

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**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)