

## IRS2

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:100

**Calculated MW:**137kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human IRS2

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

IRS-2;

**Catalog #:**A7945

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**8660

**Isotype:**IgG

**Swiss Prot:**Q9Y4H2

**Purity:**Affinity purification

For research use only.

**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.

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