



## Rabbit anti-human IRS-1 Polyclonal antibody (DPAB-L20608)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a protein which is phosphorylated by insulin receptor tyrosine kinase. Mutations in this gene are associated with type II diabetes and susceptibility to insulin resistance. [provided by RefSeq, Nov 2009]
<b>Immunogen</b>	IRS-1 antibody was raised against a 16 amino acid peptide from near the center of human IRS-1.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	immunocytochemistry: suitable
<b>Format</b>	Buffered aqueous solution
<b>Size</b>	100 µg
<b>Buffer</b>	Supplied in PBS with 0.02% sodium azide.
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C

### GENE INFORMATION

**Gene Name** [IRS1 insulin receptor substrate 1 \[ Homo sapiens \(human\) \]](#)

<b>Official Symbol</b>	IRS1
<b>Synonyms</b>	IRS1; insulin receptor substrate 1; HIRS-1; IRS-1
<b>Entrez Gene ID</b>	<a href="#">3667</a>
<b>Protein Refseq</b>	<a href="#">NP_005535</a>
<b>UniProt ID</b>	<a href="#">A0A024R499</a>
<b>Pathway</b>	AGE/RAGE pathway; AMPK signaling pathway; Adaptive Immune System; Adipocytokine signaling pathway; Adipogenesis; Aldosterone-regulated sodium reabsorption; Alpha6-Beta4 Integrin Signaling Pathway; BDNF signaling pathway
<b>Function</b>	SH2 domain binding; insulin receptor binding; insulin-like growth factor receptor binding; phosphatidylinositol 3-kinase binding; phosphatidylinositol 3-kinase binding; protein binding; protein kinase C binding; signal transducer activity; transmembrane receptor protein tyrosine kinase adaptor activity