



# Anti-IRS4 (internal region) polyclonal antibody (DPAB-DC717)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	IRS4 (insulin receptor substrate 4) is a protein-coding gene. Diseases associated with IRS4 include cribriform carcinoma, and boutonuse fever, and among its related super-pathways are Translation Insulin regulation of translation and IRS-related events. GO annotations related to this gene include SH3/SH2 adaptor activity and phospholipid binding. An important paralog of this gene is IRS1.
<b>Immunogen</b>	A synthetic peptide corresponding to amino acids 633-647 at internal region of mouse Irs4. The sequence is DRGTKERKEAKEVRD
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Mouse, Rat
<b>Purification</b>	Antigen affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Tissue lysate),
<b>Concentration</b>	0.5 mg/mL
<b>Size</b>	100 µg
<b>Buffer</b>	In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Irs4 insulin receptor substrate 4 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	IRS4
<b>Synonyms</b>	IRS4; insulin receptor substrate 4; IRS-4; pp160; phosphoprotein of 160 kDa;
<b>Entrez Gene ID</b>	<a href="#">16370</a>
<b>Protein Refseq</b>	<a href="#">NP_034702</a>
<b>UniProt ID</b>	<a href="#">Q9Z0Y7</a>
<b>Chromosome Location</b>	X F2; X 62.43 cM
<b>Pathway</b>	AMPK signaling pathway; Adipocytokine signaling pathway; Adipogenesis; IGF1R signaling cascade
<b>Function</b>	insulin receptor binding; protein binding; protein domain specific binding; signal transducer activity