



Goat anti-Irs4 (mouse aa633-647) Antibody

Item Number	dAP-2738
Target Molecule	Principle Name: Irs4 (mouse aa633-647); Official Symbol: Irs4; All Names and Symbols: Irs4; insulin receptor substrate 4; IRS-4; RP23-415G1.3; phosphoprotein of 160 kDa; pp160; Accession Number (s): NP_034702.2; Human Gene ID(s): ; Non-Human GeneID(s): 16370 (mouse) 315350 (rat)
Immunogen	DRGTKERKEAKEVRD, is from internal region
Applications	Pep ELISA, WB Species Tested: Mouse
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 150kDa band observed in Mouse Heart lysates (calculated MW of 130kDa according to NP_034702.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Schreyer et al, jEndocrinology. 20
IHC	
Reference	Reference(s): Melkersson K, Persson B. Association between body mass index and insulin receptor substrate-4 (IRS-4) gene polymorphisms in patients with schizophrenia. Neuro Endocrinol Lett. 2011;32(5):634-40..PMID: 22167131->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**