

## Product Datasheet

### Irs4 (mouse aa633-647) Antibody (orb12271)

<b>Catalog Number</b>	orb12271
<b>Category</b>	Antibodies
<b>Description</b>	Goat polyclonal to Irs4.
<b>Target</b>	Irs4 (mouse aa633-647)
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Goat
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Mouse
<b>Predicted Reactivity</b>	Rat
<b>Buffer/Preservatives</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Protein Sequence</b>	DRGTKERKEAKEVRD
<b>MW</b>	130
<b>Tested applications</b>	ELISA, IF, WB
<b>Dilution range</b>	ELISA: 1:128000, WB: 0.2-0.6 µg/ml

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**Application notes**

WB: 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*. 2003 Apr;144(4):1. Notes: Immunofluorescence: This product has been successfully used in IF on Mouse: Harriet M Jackson et al, *BMC Genomics*. 2013 Nov 25;14:831. PMID: 24274089.

**Storage**

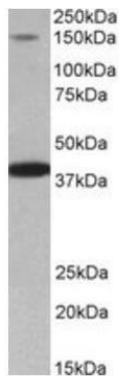
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Note**

For research use only

**Expiration Date**

12 months from date of receipt.



Western blot analysis of Mouse Heart lysate using Irs4 antibody

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