

### **Mouse Insrr Antibody (C-term)**

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP14784B

### **Specification**

# Mouse Insrr Antibody (C-term) - Product Information

Application WB,E
Primary Accession O9WTL4

Other Accession Q64716, NP\_035962.2
Reactivity Human, Mouse

Predicted Rat
Host Rabbit
Clonality Polyclonal
Isotype Rabbit IgG
Calculated MW 144875
Antigen Region 1228-1255

# Mouse Insrr Antibody (C-term) - Additional Information

#### Gene ID 23920

### **Other Names**

Insulin receptor-related protein, IRR, IR-related receptor, Insulin receptor-related protein alpha chain, Insulin receptor-related protein beta chain, Insrr, Irr

### Target/Specificity

This Mouse Insrr antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1228-1255 amino acids from the C-terminal region of mouse Insrr.

### **Dilution**

WB~~1:1000

#### **Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

#### 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.

#### **Precautions**

Mouse Insrr Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

# Mouse Insrr Antibody (C-term) - Protein Information

### Name Insrr





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## Synonyms Irr

Function Receptor with tyrosine-protein kinase activity. Functions as a pH sensing receptor which is activated by increased extracellular pH. Activates an intracellular signaling pathway that involves IRS1 and AKT1/PKB.

#### **Cellular Location**

Membrane; Single-pass type I membrane protein

### **Tissue Location**

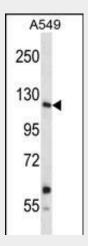
Highly expressed in the islets as well as in pancreatic beta-cells.

## Mouse Insrr Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

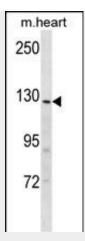
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# Mouse Insrr Antibody (C-term) - Images



Mouse Insrr Antibody (C-term) (Cat. #AP14784b) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the Insrr antibody detected the Insrr protein (arrow).





Mouse Insrr Antibody (C-term) (Cat. #AP14784b) western blot analysis in mouse heart tissue lysates (35ug/lane). This demonstrates the Insrr antibody detected the Insrr protein (arrow).

# Mouse Insrr Antibody (C-term) - Background

This receptor probably binds an insulin related protein and has a tyrosine-protein kinase activity. It phosphorylates the insulin receptor substrates IRS-1 and IRS-2.

# Mouse Insrr Antibody (C-term) - References

Hanke, S., et al. Mol. Cell Proteomics 8(3):519-534(2009) Hoffman, B.G., et al. Genome Biol. 9 (6), R99 (2008): Nef, S., et al. Nature 426(6964):291-295(2003) Kitamura, T., et al. Mol. Cell. Biol. 21(16):5624-5630(2001) Tsuji, T., et al. Exp. Anim. 50(4):359-360(2001)