

IRS1 Antibody (aa289-338)
Rabbit Polyclonal Antibody
Catalog # ALS14227**Specification**

IRS1 Antibody (aa289-338) - Product Information

Application	IF, IHC
Primary Accession	P35568
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	132kDa KDa

IRS1 Antibody (aa289-338) - Additional Information**Gene ID** 3667**Other Names**

Insulin receptor substrate 1, IRS-1, IRS1

Target/Specificity

IRS1 Antibody detects endogenous levels of total IRS1 protein.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

IRS1 Antibody (aa289-338) is for research use only and not for use in diagnostic or therapeutic procedures.

IRS1 Antibody (aa289-338) - Protein Information**Name** IRS1**Function**

May mediate the control of various cellular processes by insulin. When phosphorylated by the insulin receptor binds specifically to various cellular proteins containing SH2 domains such as phosphatidylinositol 3-kinase p85 subunit or GRB2. Activates phosphatidylinositol 3-kinase when bound to the regulatory p85 subunit (By similarity).

Volume

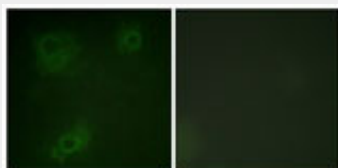
50 µl

IRS1 Antibody (aa289-338) - Protocols

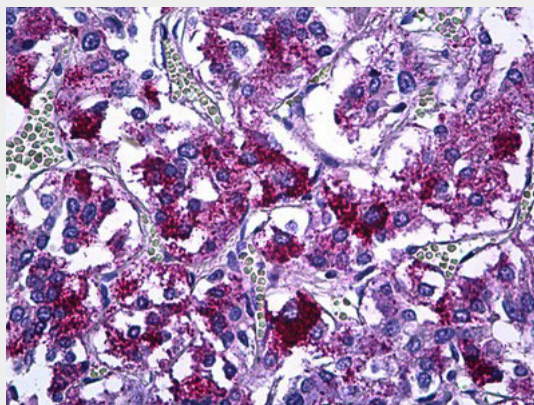
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IRS1 Antibody (aa289-338) - Images



Immunofluorescence of COS7 cells, using IRS-1 (Ab-323) Antibody.



Anti-IRS1 antibody IHC of human adrenal medulla.

IRS1 Antibody (aa289-338) - Background

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IRS1 Antibody (aa289-338) - References

- Araki E.,et al.Diabetes 42:1041-1054(1993).
Nishiyama M.,et al.Biochem. Biophys. Res. Commun. 183:280-285(1992).
Smith L.K.,et al.Biochem. Biophys. Res. Commun. 196:767-772(1993).
Craparo A.,et al.J. Biol. Chem. 270:15639-15643(1995).
He W.,et al.J. Biol. Chem. 270:23258-23262(1995).