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IRS1 Antibody (Internal)

Rabbit Polyclonal Antibody

Catalog # ALS11695

Specification

IRS1 Antibody (Internal) - Product Information

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

IRS1 Antibody (Internal) - Additional Information

Gene ID 3667

Other Names
Insulin receptor substrate 1, IRS-1, IRS1

Target/Specificity
16 amino acid peptide from near the center of human IRS-1

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions
IRS1 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

IRS1 Antibody (Internal) - 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).

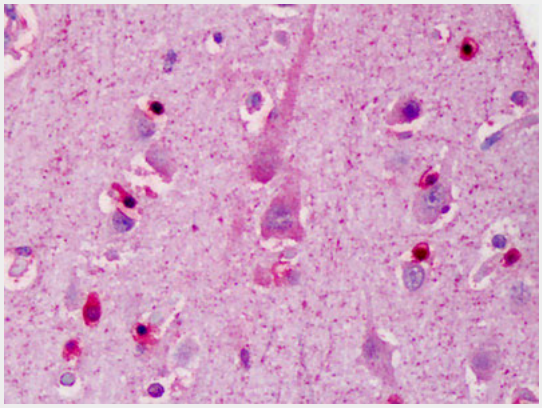
IRS1 Antibody (Internal) - Protocols

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

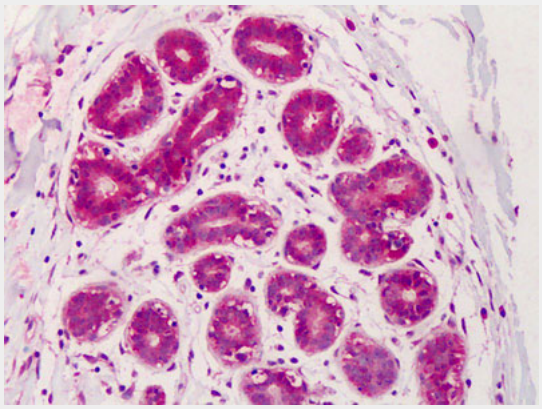
- Western Blot
- Blocking Peptides

- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

IRS1 Antibody (Internal) - Images



Anti-IRS1 antibody IHC of human brain.



Anti-IRS1 antibody IHC of human breast.

IRS1 Antibody (Internal) - Background

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).

IRS1 Antibody (Internal) - References

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Nishiyama M.,et al.Biochem. Biophys. Res. Commun. 183:280-285(1992).
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