

Rabbit Anti-IRS3 antibody

SL0186R

Product Name IRS3

Chinese Name 胰岛素受体底物-3 抗体

Alias IRS1--Insulin receptor substrate-3; IRS3; IRS-3; IRS3.

Research Area Cell biology Neurobiology Signal transduction Kinases and Phosphatases Diabetes Endocrinopathy Binding protein

Immunogen Species Rabbit

Clonality Polyclonal

React Species Rat,Pig(predicted:Mouse)

Applications WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 (Paraffin sections need antigen repair)
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight 53kDa

Cellular localization cytoplasmic The cell membrane

Form Liquid

Concentration 1mg/ml

immunogen KLH conjugated synthetic peptide derived from mouse IRS-3: 261-360/494

Lsotype IgG

Purification affinity purified by Protein A

Buffer Solution 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

Storage Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Attention This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PubMed [PubMed](#)

Product Detail The family of insulin receptor substrates (IRSs) has been reported to play important roles for signal transduction of various hormones. Four members of the IRS family

have been described. Each IRS is believed to have different functions; however, the distinct physiological roles of each IRS are unclear. IRS-1 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.

SWISS:
O54718

Gene ID:
16369

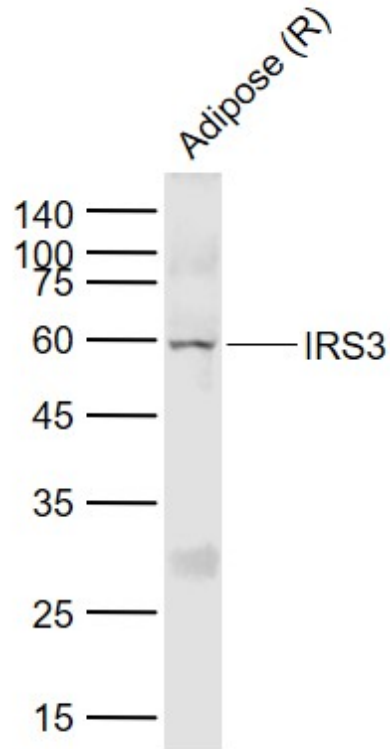
Database links:

[Entrez Gene: 16369](#) Mouse

[SwissProt: O54718](#) Mouse

胰岛素受体底物-3 属于 IRS 家族。IRS 作为 insulin/IGF 信号途径的核心介子对细胞的生长、发育及 The new supersedes the old 的调节起关键作用。

**Product
Picture**



Sample:

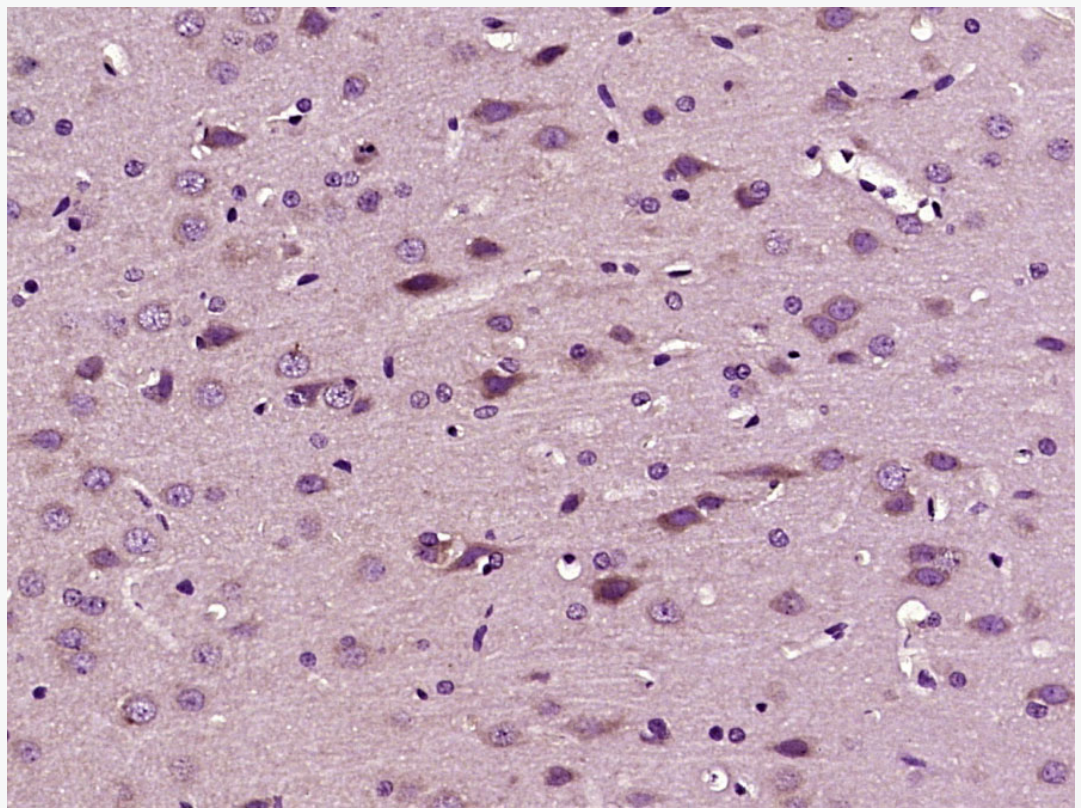
Lane 1: Adipose (Rat) Lysate at 40 ug

Primary: Anti-IRS3 (SL0186R) at 1/1000 dilution

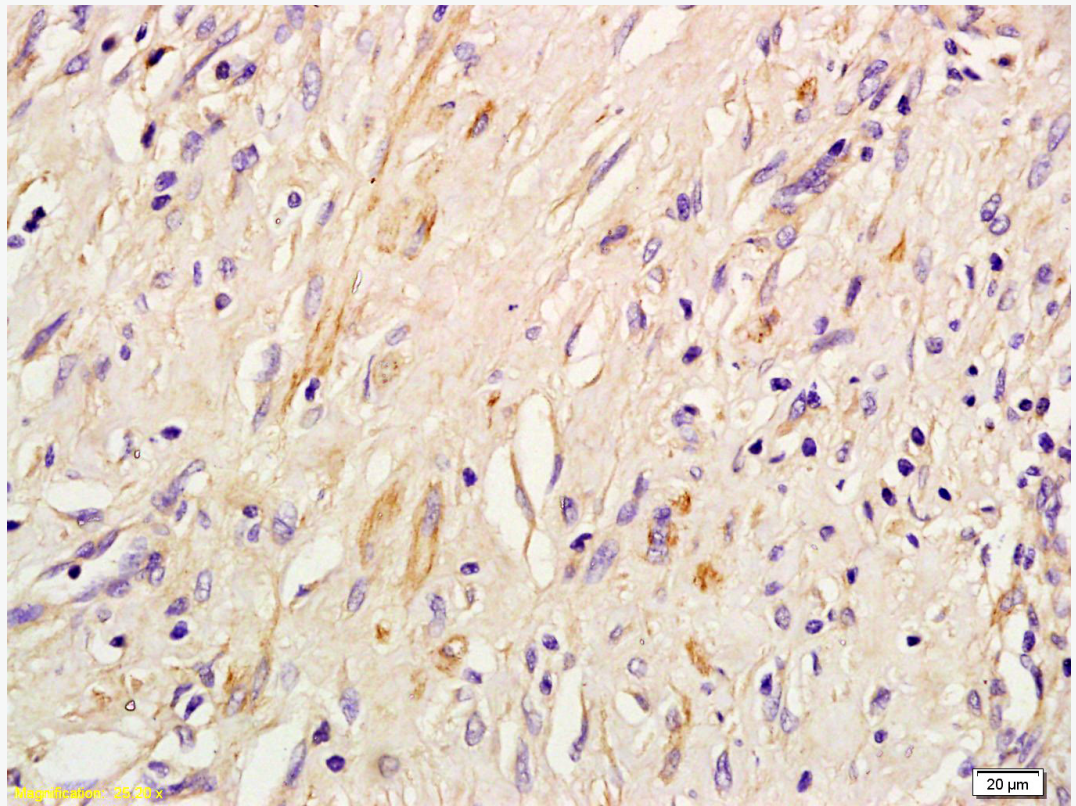
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 60 kD

Observed band size: 60 kD



Paraformaldehyde-fixed, paraffin embedded (rat brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (IRS3) Polyclonal Antibody, Unconjugated (SL0186R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Tissue/cell: human pneumonia tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (1M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-IRS-3 Polyclonal Antibody, Unconjugated(SL0186R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining