bs-0186R **[Primary Antibody]**

IRS3 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 16369 **SWISS:** O54718

Target: IRS3

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

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: 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.

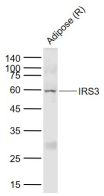
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Mouse, Rat, Pig

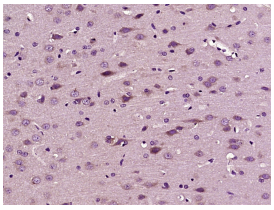
Predicted MW.: 53 kDa

Subcellular Location: Cell membrane ,Cytoplasm

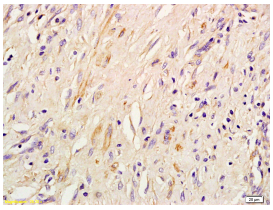
VALIDATION IMAGES



Sample: Lane 1: Adipose (Rat) Lysate at 40 ug
Primary: Anti-IRS3 (bs-0186R) 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 (bs-0186R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Tissue/cell: human pneumonia tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, 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(bs-0186R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

SELECTED CITATIONS

- **[IF=3.996]** Yanhan Ma. et al. Effect of Interleukin-1β on Gene Expression Signatures in Schwann Cells Associated with Neuropathic Pain. 2021 Jul 15 IHC ;Rat. 34264480