## IRS1(Phospho-Tyr612) Antibody HRP Conjugated

Catalog No: #C04541H



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| Description           | Support: tech@signalwayantibody.com  |
|-----------------------|--|
| Product Name          | IRS1(Phospho-Tyr612) Antibody HRP Conjugated   |
| Host Species          | Rabbit   |
| Clonality             | Polyclonal   |
| Isotype               | IgG  |
| Purification          | Purified by Protein A.   |
| Applications          | WBB B IHC-PB IHC-F   |
| Species Reactivity    | HuB MsB RtB B B  |
| Immunogen Description | KLH conjugated synthetic phosphopeptide aa 580-630 1242 derived from human IRS1 around the |
|                       | phosphorylation site of Tyr612 [DG(p-Y)MP]   |
| Conjugates            | HRP  |
| Target Name           | IRS1 Tyr612  |
| Other Names           | HIRS-1; Insulin receptor substrate 1; IRS-1; IRS1  |
| Accession No.         | Swiss-Prot#P35568NCBI Gene ID3667  |
| Uniprot               | P35568   |
| GeneID                | 3667;  |
| Excitation Emission   | N A  |
| Cell Localization     | Cytoplasm, Nucleus   |
| Concentration         | 1mg ml   |
| Formulation           | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.                           |
| Storage               | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.            |

## **Application Details**

WB=1:500-2000B B IHC-P=1:50-200B IHC-F=1:50-200B

## 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).

Note: This product is for in vitro research use only