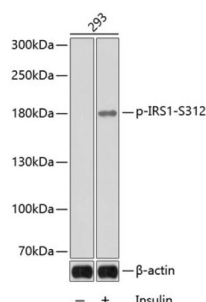


Insulin Receptor Substrate 1 Phospho-Ser312 (IRS1 pS312) Antibody

Catalogue No.: abx000233



Western blot analysis of lysates from 293 cells, using Phospho-IRS1-S312 Antibody. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% BSA.

IRS1 (pS312) Antibody is a Rabbit Polyclonal antibody against IRS1 (pS312). This gene encodes a protein which is phosphorylated by insulin receptor tyrosine kinase. Mutations in this gene are associated with type II diabetes and susceptibility to insulin resistance.

Target: Insulin Receptor Substrate 1 Phospho-Ser312 (IRS1 pS312)

Clonality: Polyclonal

Target Modification: Ser312

Modification: Phosphorylation

Reactivity: Human, Mouse, Rat

Tested Applications: WB

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: A phospho specific peptide corresponding to residues surrounding S312 of human IRS1

Isotype: IgG

Form: Liquid

Purification: Purified by affinity chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

Datasheet

Version: 4.0.0

Revision date: 14 Jun 2025



UniProt Primary AC: P35568 ([UniProt](#), [ExPASy](#))

Gene Symbol: IRS1

GeneID: [3667](#)

KEGG: hsa:3667

String: [9606.ENSP00000304895](#)

Molecular Weight: Calculated MW: 132 kDa
Observed MW: 180 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: > 0.2 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only