Anti-Phospho-IRS1 (Ser1101) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P108996

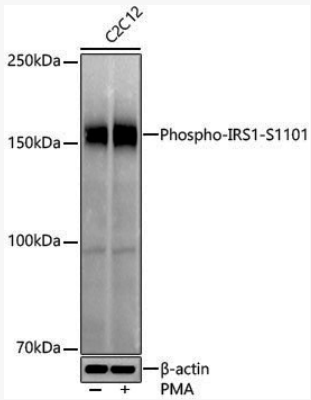
Product Information

Application	WB, ELISA
Reactivity	Mouse
Dilution	WB 1:500~1:1000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphorylated peptide around S1101 of human IRS1 (NP_005535.1?).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-IRS1 (Ser1101) Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	HIRS-1; Phospho-IRS1-S1101.
Calculated MW	Calculated MW: 132 kDa; Observed MW: 180 kDa
Uniprot ID	P35568
Gene ID	3667
Background	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.

Validation Images



Western blot analysis of lysates from C2C12 cells, using Phospho-IRS1-S1101 Rabbit pAb (P108996) at 1:1,000 dilution. C2C12 cells were treated by PMA/TPA (200 nM) at 37°C for 30 minutes after serum-starvation overnight.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 60s.