

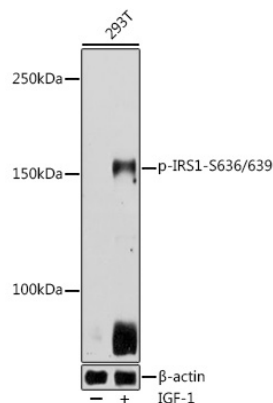


Product name:	Phospho-IRS1-S636/639 Rabbit pAb
Cat number:	ABP0551
Conjugate:	Unconjugated
Host:	Rabbit
Size:	100 ug
Synonyms:	HIRS-1; Phospho-IRS1-S636/639
Clone:	POLY
Concentration:	1mg/ml
Isotype:	IgG
Immunogen:	A synthetic phosphorylated peptide around S636 & S639 of human IRS1 (NP_005535.1)
Reactivity:	Human
Applications:	Western Blot: 1:100 - 1:500
Molecular weight:	180 kDa
Purification:	Affinity purification
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. RRID AB_2771218 Gene ID 3667 Swiss Prot Synonym HIRS-1; Phospho-IRS1-S636/639
Form:	liquid
Buffer:	PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.

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Western blot analysis of lysates from 293T cells, using Phospho-IRS1-S636/639 Rabbit pAb at 1:500 dilution. 293T cells were treated by IGF-1 (50 ng/ml) at 37°C for 5 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus. Exposure time: 10s.

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