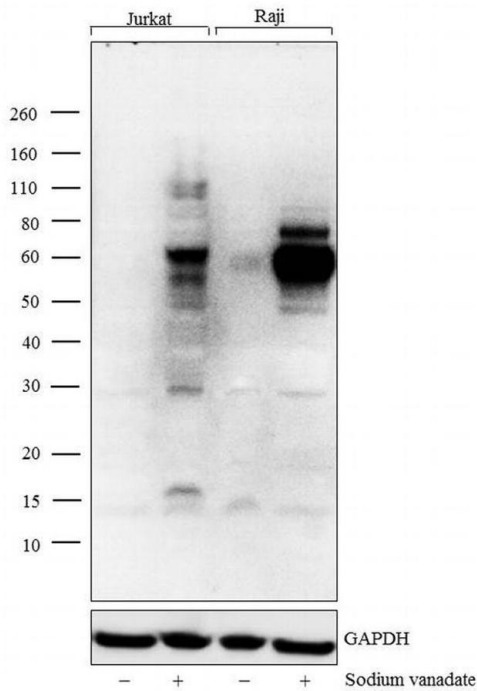


# Phosphotyrosine Polyclonal Antibody, HRP

Product Details	
Size	100 µg
Species Reactivity	Chemical
Published Species	Chemical
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	HRP
Immunogen	Rabbit anti-Phosphotyrosine-HRP; HRP conjugated Polyclonal antibody specific to Multiple Phosphotyrosine [pY]. This antibody is validated for use in Western Blot, Immunoassay (ELISA).
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.4, with 4mg/mL BSA, 40% glycerol
Contains	0.1% ProClin 300
Storage conditions	4° C
RRID	AB_2533928

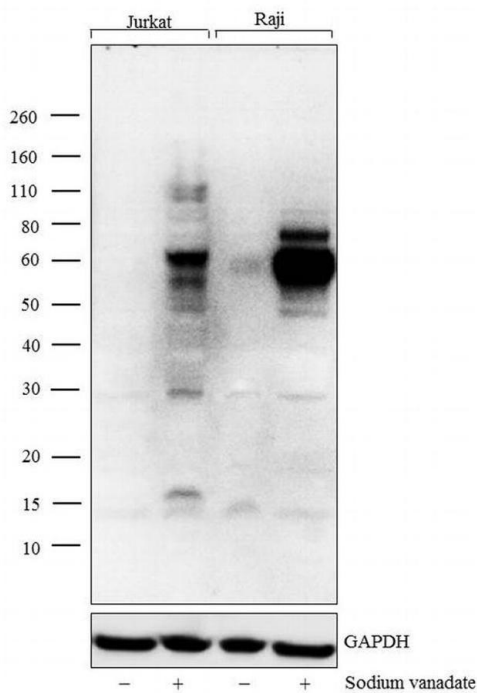
Applications	Tested Dilution	Publications
Western Blot (WB)	2 µg/mL	1 Publication
ELISA (ELISA)	1:2,000	-

Product Images For Phosphotyrosine Polyclonal Antibody, HRP



Phosphotyrosine Antibody (61-5820)

Altered expression of proteins upon cell treatment demonstrates antibody specificity. Western blot using Phosphotyrosine polyclonal HRP antibody (Product # 61-5820), shows increased expression of proteins phosphorylated at the tyrosine residues in Jurkat and Raji cell lines upon sodium vanadate treatment. {TM}



Phosphotyrosine Antibody (61-5820) in WB

Western blot analysis was performed on whole cell extracts (30 µg lysate) of Jurkat (Lane 1), Jurkat treated with Sodium vanadate (1mM for 30 minutes) (Lane 2), Raji (Lane 3) and Raji treated with Sodium vanadate (1mM for 30 minutes) (Lane 4). The blots were probed with Anti-Phosphotyrosine / pY Rabbit Polyclonal Antibody, HRP conjugate (Product # 61-5820, 2 µg/mL). Bands corresponding to phosphorylated tyrosines were observed only upon treatment with Sodium vanadate in the cell lines tested. Known quantity of protein samples were electrophoresed using Novex® NuPAGE® 4-12 % Bis-Tris gel (Product # NP0322BOX), XCell SureLock™ Electrophoresis System (Product # EI0002) and Novex® Sharp Pre-Stained Protein Standard (Product # LC5800). Resolved proteins were then transferred onto a nitrocellulose membrane with iBlot® 2 Dry Blotting System (Product # IB21001). The membrane was probed with the relevant primary antibody following blocking with 5 % skimmed milk. Chemiluminescent detection was performed using Pierce™ ECL Western Blotting Substrate (Product # 32106).

Western Blot (1)

Journal of molecular endocrinology	Year 2003
The role of signal transducer and activator of transcription 5 in the inhibitory effects of GH on adipocyte differentiation.	Species Chemical
Authors: Richter HE,Albrektsen T,Billestrup N	

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