

Anti-SHP1 (Tyr-536), Phosphospecific Antibody

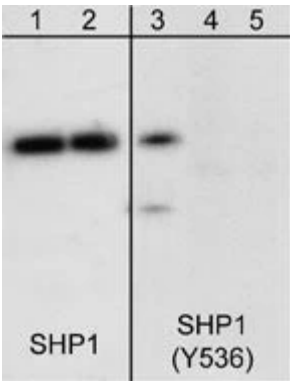


Product Details

Available Variants	100 µL (SKU:SP1571)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	PTPN6
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, WB
Dilution Ranges	WB: 1:1000
Species Reactivity	Human, Mouse, Rat
Immunogen	Phospho-SHP1 (Tyr-536) synthetic peptide (coupled to carrier protein) corresponding to amino acids around tyrosine 536 in human SHP1. The sequence is highly conserved in rat and mouse SHP1.
Specificity	This antibody was cross-adsorbed to a non-specific phospho-tyrosine peptide then affinity-purified using phospho-SHP1 (Tyr-536) peptide. The antibody detects a 68 kDa* band on SDS-PAGE immunoblots of human Jurkat cells treated with pervanadate, but is not observed in control cells.
Molecular Weight	68
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.

UniProt ID	<u>P29350</u>
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
Post Translational Modification Type	Phosphorylated
Post Translational Modification Residue	Tyr-536

Product Images



Western blot analysis of human Jurkat cells treated with pervanadate (1 mM) for 30 min. The blot was exposed to alkaline phosphatase (lanes 2 & 4) then probed with anti-SHP1 (C-terminal) antibody (lanes 1 & 2) or anti-SHP1 (Tyr-536) antibody (lanes 3-5). The SHP1 (Tyr-536) antibody was used in the presence of phospho-SHP1 (Tyr-536) peptide (lane 5).

Product Page URL: www.antibodiesinc.com/products/anti-shp1-tyr-536-phosphospecific-antibody-sp1571

