

Anti-Slingshot-1L (Ser-978), Phosphospecific Antibody



Product Details

Available Variants	100 µL (SKU:SP3901)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	SSH1
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, ICC, WB
Dilution Ranges	WB: 1:1000 ICC: 1:100
Species Reactivity	Chicken, Human, Mouse, Rat
Immunogen	Slingshot-1L (Ser-978) antibody was generated from a phospho-peptide that included amino acids surrounding serine 978 in human SSH1L. This sequence has high homology to the conserved site in rat, mouse, chicken, and zebrafish SSH1L. The sequence also has high homology to the conserved site in SSH2L (Ser-1259).
Specificity	The antibody detects a 150 kDa* full length recombinant human SSH1L phosphoprotein and this reactivity is eliminated with lambda phosphatase treatment. The antibody also detects SSH1L on immunoblots of rat PC12 and mouse C2C12 cells that were stimulated with calyculin A.
Molecular Weight	150
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 [Q8WYL5](#)

Country of Origin United States

Shipping Blue Ice

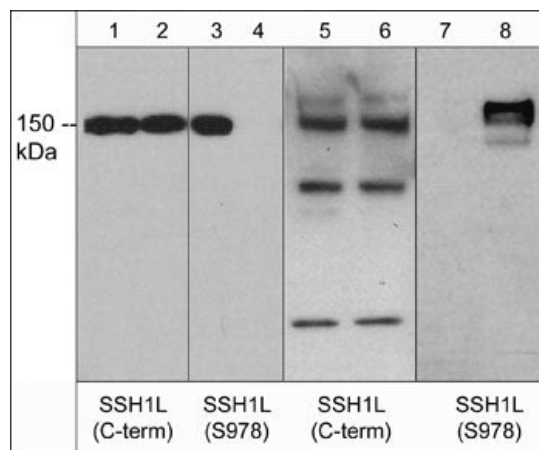
Expiration After date of receipt, stable for at least 1 year at -20°C.

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.

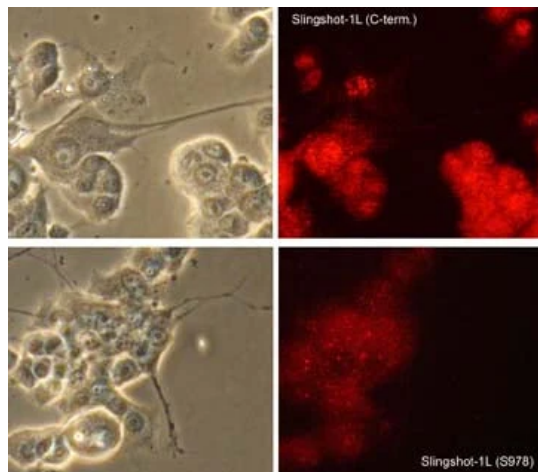
Post Translational Modification Type Phosphorylated

Post Translational Modification Residue Ser-978

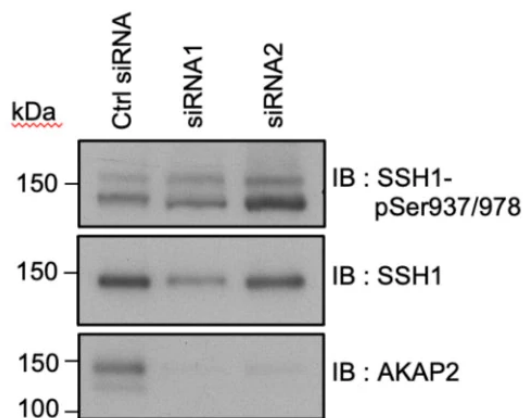
Product Images



Western blot of human recombinant SSH1L untreated (lanes 1 & 3) or treated with lambda phosphatase (lanes 2 & 4) and rat PC12 cells unstimulated (lanes 5 & 7) or stimulated with calyculin A (lanes 6 & 8). The blots were probed with anti-SSH1L (C-term.) (lanes 1, 2, 5, & 6) or anti-SSH1L (Ser-978) (lanes 3, 4, 7, & 8).



Immunocytochemical labeling of Slingshot-1L in rat PC12 cells differentiated with NGF. The cells were labeled with rabbit polyclonal anti-SSH1L (C-term.) and anti-SSH1L (Ser-978) antibodies, then detected using appropriate secondary antibody conjugated to Cy3 (Right panel). Phase image of corresponding PC12 cells (Left panel).



DU-145 cells were transfected with control (Ctrl siRNAs) or AKAP2 specific siRNAs (siRNA1 and siRNA2). 72 h after transfection, cell lysates were loaded on SDS-PAGE gels and analyzed by Western blot. Phospho-SSH1 was detected using antibodies recognizing phospho-serines 937 and 978 (Cat. SP3901). The amounts of SSH1 (Cat. SP1711) and AKAP2 were detected using specific antibodies, as indicated. Image from publication CC-BY-4.0. [PMID: 37827203](#)

Product Page URL: www.antibodiesinc.com/products/anti-slingshot-1l-ser-978-phosphospecific-antibody-sp3901



Created on 01. September 2026 | All information without guarantee