

SLC5A7 (extracellular) Polyclonal Antibody

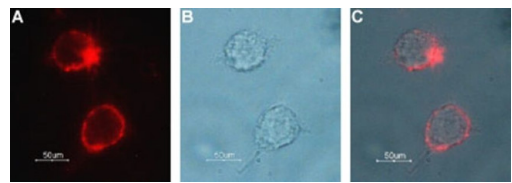
Product Details	
Size	50 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Peptide (C)DWNQTAYGYDPDK, corresponding to amino acid residues 299-311 of mouse Choline Transporter
Form	Lyophilized
Concentration	0.8 mg/mL
Storage conditions	-20°C
RRID	AB_2736619

Applications	Tested Dilution	Publications
Western Blot (WB)	1:200	1 Publication
Immunohistochemistry (IHC)	1:200	-
Immunocytochemistry (ICC/IF)	1:200	-

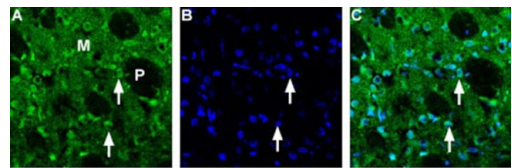
Product Specific Information

Product is shipped at room temperature as a lyophilized powder and should be stored at -20 °C upon receipt. Reconstitution: add 50 µL of deionized water.

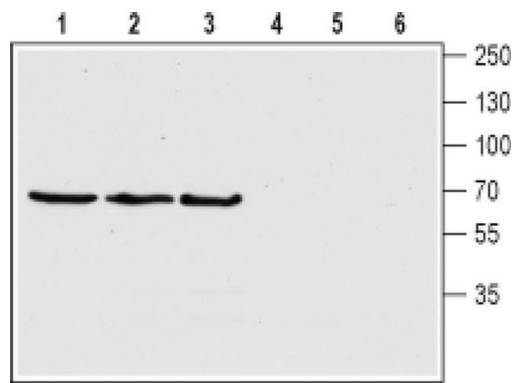
Product Images For SLC5A7 (extracellular) Polyclonal Antibody



SLC5A7 (extracellular) Antibody (PA5-77385) in ICC/IF
Immunocytochemistry analysis of SLC5A7 (extracellular) in rat pheochromocytoma PC12 cells. A) Samples were probed with SLC5A7 (extracellular) polyclonal antibody (Product # PA5-77385) at a dilution of 1:100, and incubated with goat anti-rabbit-AlexaFluor-594. B) Live view cell image. C) Merged images of Panels A and B.



SLC5A7 (extracellular) Antibody (PA5-77385) in IHC (F)
Immunohistochemistry analysis of SLC5A7 (extracellular) in frozen rat brain. A) Samples were probed with SLC5A7 (extracellular) polyclonal antibody (Product # PA5-77385) using a dilution of 1:200, and incubated with DAPI. B) Nuclei stained image.



SLC5A7 (extracellular) Antibody (PA5-77385) in WB
Western blot analysis of human SH-5YSY neuroblastoma cell lysate (lanes 1 and 4), rat (lanes 2 and 5) and mouse (lanes 3 and 6) brain lysates with SLC5A7 (extracellular) polyclonal antibody (Product # PA5-77385) using a dilution of 1:200.

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1 Reference

Western Blot (1)

eLife	Year 2022
TIGAR deficiency enhances skeletal muscle thermogenesis by increasing neuromuscular junction cholinergic signaling.	Species Mouse
"PA5-77385 was used in Western Blot to demonstrate that increased cholinergic signaling through the modulation of glycolysis has several metabolic benefits particularly to increase energy expenditure and heat production upon cold exposure."	
Authors: Tang Y,Zong H,Kwon H,Qiu Y,Pessin JB,Wu L,Buddo KA,Boykov I,Schmidt CA,Lin CT,Neufer PD,Schwartz GJ,Kurland IJ,Pessin JE	

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