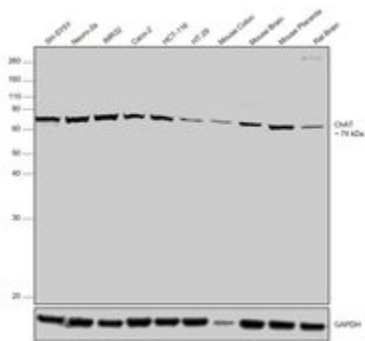


ChAT Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Mouse, Rat
Published Species	Mouse
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide sequence (KERARGPTKPSNLD) corresponding to the C-terminus amino acids of Chat
Form	Liquid
Concentration	0.5 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	TBS, pH 7.3, with 0.5% BSA
Contains	0.02% sodium azide
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_10980568

Applications	Tested Dilution	Publications
Western Blot (WB)	0.3-1 µg/mL	-
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Frozen) (IHC (F))	1:2000	-

Product Images For ChAT Polyclonal Antibody



ChAT Antibody (PA5-18518) in WB

Western blot was performed using Anti-ChAT Polyclonal Antibody (Product # PA5-18518) and a 74 kDa band corresponding to ChAT was observed across all the cell lines and tissues tested. Whole cell extracts (30 µg lysate) of SH-SY5Y (Lane 1), Neuro-2a (Lane 2), IMR32 (Lane 3), Caco-2 (Lane 4), HCT-116 (Lane 5), HT-29 (Lane 6) and tissue extracts of Mouse Colon (Lane 7), Mouse Brain (Lane 8), Mouse Placenta (Lane 9), and Rat Brain (Lane 10) were electrophoresed using NuPAGE™ NuPAGE™ 10% Bis-Tris Protein Gel (Product # NP0302BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (0.75 µg/ml) and detected by chemiluminescence with Rabbit anti-Goat IgG (H+L) Superclonal™ Secondary Antibody, HRP (Product # A27014, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005)..

ChAT Antibody (PA5-18518) in WB

Western Blot staining of Mouse Brain lysate using Product # PA5-18518 at a concentration of 0.2 $\mu\text{g}/\text{mL}$, the primary antibody incubation was 1 hour and the detection method was chemiluminescence.



Immunohistochemistry (1)

Scientific reports

A platform for efficient identification of molecular phenotypes of brain-wide neural circuits.

"PA5-18518 was used in Immunohistochemistry-immunofluorescence to molecular phenotype neural circuits and provide access to automation and industrialization of cell type analyses for specific circuits."

Authors: Jiang T, Long B, Gong H, Xu T, Li X, Duan Z, Li A, Deng L, Zhong Q, Peng X, Yuan J

Species
Mouse

Dilution
1:1000

Year
2017

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