

Anti-Aldh1L1 (Blotting) Antibody

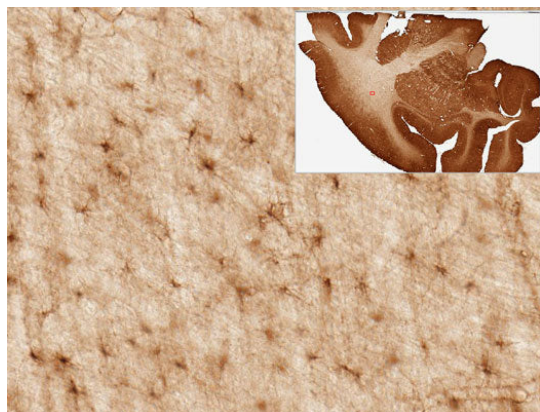


Product Details

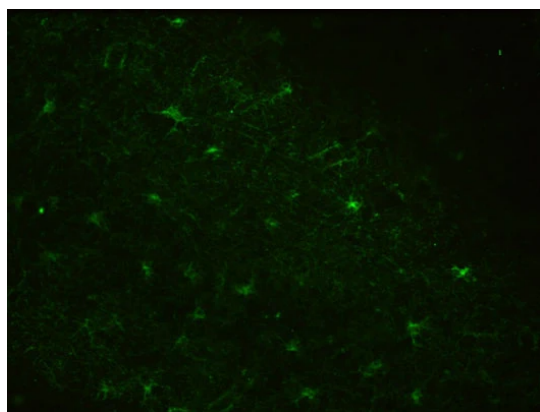
Available Variants	100 µL (SKU:75-140) 20 µL (SKU:75-140-020)
Conjugate	Unconjugated
Isotype	IgG1
Clone	N103/39
Gene Name	Aldh1l1 Fthfd
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.66
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography. Purified mAbs are >90% specific antibody.
Applications	ELISA, ICC, IHC, WB
Dilution Ranges	WB: 1:1000 IHC: 1:250 ICC: 1:100
Species Reactivity	Human, Mouse, Non-Human Primate, Rat
Immunogen	Protein amino acids 1-902 (full-length) of rat Aldh1L1 (accession number P28037) produced recombinantly in E. Coli
Specificity	No cross-reactivity against Aldh1L2
Molecular Weight	100 kDa

Quality Control	Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.
Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.
Antibody Registry ID	AB_10673448
UniProt ID	<u>P28037</u>
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

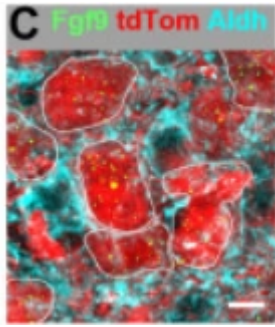
Product Images



Immunohistochemistry (IHC) staining of Rhesus macaque brain for astrocyte marker Aldh1L1 using Anti-Aldh1L1 Antibody 75-140 (clone N103/39, 1:3000). Tissue was perfusion fixed with 4% paraformaldehyde and 0.1% glutaraldehyde, then drop-fixed in 4% paraformaldehyde for 24 h. Sections were cut in 60 μm thick coronal sections using a vibrating microtome. Image courtesy of Adriana Galvan (Emory University). Additional experimental details can be found at: pubmed.ncbi.nlm.nih.gov/35202614.



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Immunofluorescence of mouse MNTB neurons showing Fgf9 (green) along with tdTomato(red) and Aldh1L1(cyan). Image from publication CC-BY-4.0. [PMID: 35753346](https://pubmed.ncbi.nlm.nih.gov/35753346/)

Product Page URL: www.antibodiesinc.com/products/anti-aldh1l1-blotting-antibody-n103-39-75-140



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