

Anti-Aldh1L1 Recombinant Chicken Chimeric mAb

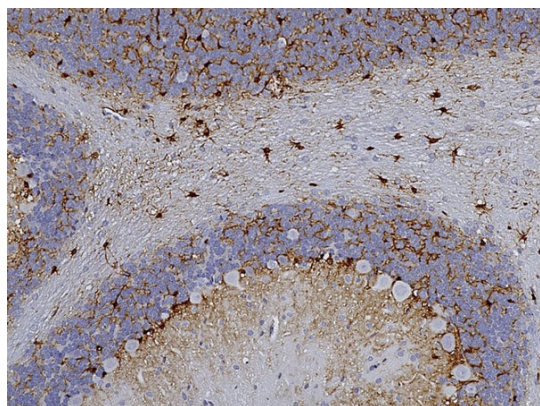


Product Details

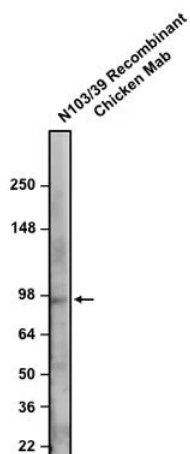
Available Variants	100 µL (SKU:78-140) 20 µL (SKU:78-140-020)
Conjugate	Unconjugated
Isotype	IgY
Clone	N103/39
Gene Name	Aldh1l1 Fthfd
Host Species	Chicken
Concentration	1 mg/mL
Format	Purified by affinity chromatography
Physical State	Liquid
Buffer	1X PBS, 0.05% Sodium Azide pH 7.4
Production Notes	This recombinant antibody is a chimeric antibody created by replacing the mouse heavy and light constant regions clone N103/39 with chicken IgY heavy and light constant regions. As such this antibody retains the same binding performance as the original clone N103/39 but can be detected using standard anti-chicken secondary antibodies allowing flexibility for multiplexing applications. This antibody is expressed recombinantly in mammalian cells and then affinity purified from the cell culture media.
Applications	ELISA, ICC, IHC, WB
Dilution Ranges	WB: 1:1000-1:2000 WB Brain: 1:1000-1:2000 IHC: 1:250-1:1000 ICC: 1:100
Species Reactivity	Human, Monkey, Mouse, 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
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.
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.

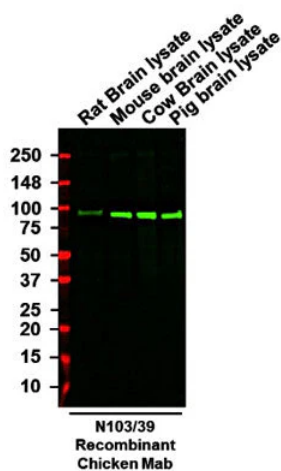
Product Images



Representative image of formalin fixed paraffin embedded section of rat cerebellum section stained with anti-Aldh1L1 recombinant chicken monoclonal antibody (brown, Cat No. 78-140) at 1:1000 dilution and counterstained with hematoxylin (blue). Anti-ALDH1L1 specifically stains the astrocytes in the cerebellum. Image courtesy of EnCor Biotechnology.



Western blotting of rat whole brain homogenate with anti-Aldh1L1 recombinant chicken mAb antibody (Cat No. 78-140) recognizing endogenous Aldh1L1 at ~100 kDa. Detected with anti-chicken-HRP.



Western blotting of brain lysates from the indicated species with anti-Aldh1L1 recombinant chicken mAb antibody (Cat No. 78-140) recognizing endogenous Aldh1L1 at ~100 kDa. Detected with anti-chicken-HRP. Image courtesy of EnCor Biotechnology.

Product Page URL: www.antibodiesinc.com/products/anti-aldh1l1-recombinant-antibody-n103-39-78-140



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