

Anti-Homer1 Recombinant Chicken Chimeric mAb

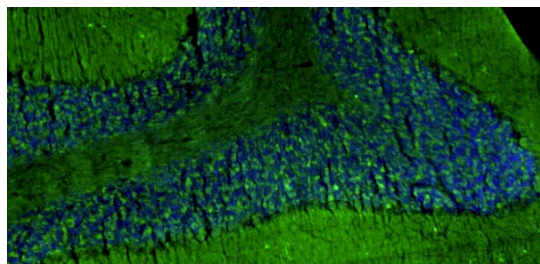


Product Details

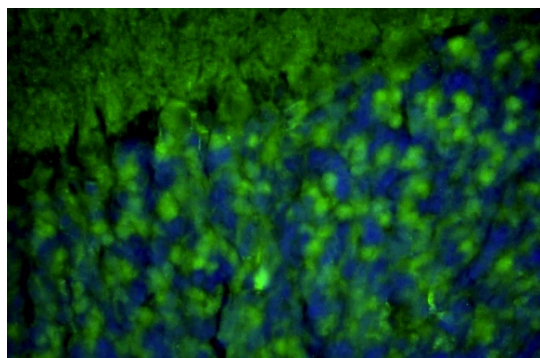
Available Variants	100 µL (SKU:78-454) 20 µL (SKU:78-454-020)
Conjugate	Unconjugated
Isotype	IgY
Clone	L113/130
Gene Name	Homer1 Vesl1
Host Species	Chicken
Concentration	1 mg/mL
Format	Purified by affinity chromatography
Physical State	Liquid
Buffer	1X PBS, 0.05% Sodium Azide pH 7.4
Production Notes	This recombinant antibody is a chimeric antibody created by replacing the mouse heavy and light constant regions of clone L113/130 with chicken IgY heavy and light constant regions. As such this antibody retains the same binding performance as the original clone L113/130 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	AT, ELISA, ICC, IHC, WB
Dilution Ranges	WB: 1:500-1:1000 IHC: 1:100 ICC: 1:100
Species Reactivity	Human, Mouse, Rat

Immunogen	Fusion protein amino acids 121-363 (C-terminus) of mouse Homer1 (accession number Q9Z2Y3) produced recombinantly in E. Coli
Specificity	No cross-reactivity reported
Molecular Weight	50 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.
UniProt ID	<u>Q9Z2Y3</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.

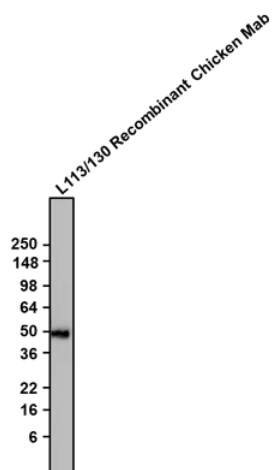
Product Images



Representative section of formalin fixed, paraffin-embedded rat brain cerebellum region showing staining of Homer1 with anti-Homer1 recombinant chicken monoclonal antibody (green) (Cat. 78-454) at 1:100 dilution. The stained sections were mounted with Fluoroshield™ with DAPI and DABCO mounting medium (Cat. AR-6505). DAPI nuclear stain (blue) shows cell nuclei. Anti-Homer1 stains the postsynaptic densities of the Purkinje cell dendrites in the molecular layer of the cerebellum. Magnification 100X.



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Western blotting of rat whole brain homogenate with anti-Homer1 recombinant chicken mAb (Cat. 78-454) antibody and detected with anti-chicken-HRP. The antibody recognizes endogenous Homer1 at ~50 kDa.

Product Page URL: www.antibodiesinc.com/products/anti-homer1-recombinant-antibody-l113-130-78-454



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