

Anti-Arl13b Antibody

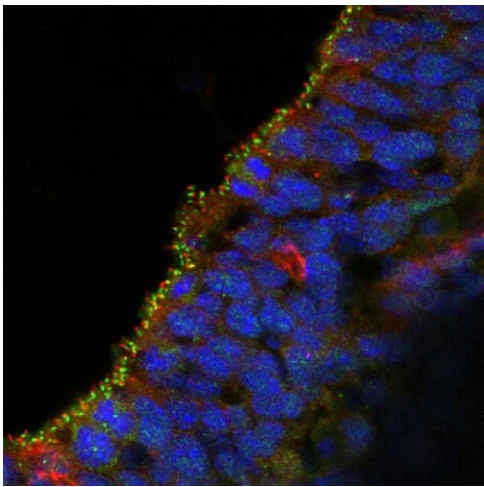


Product Details

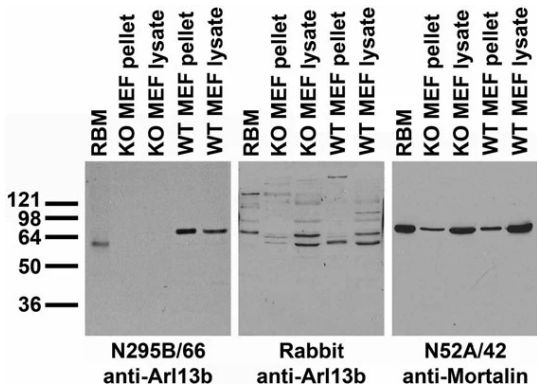
Available Variants	100 µL (SKU:75-287) 20 µL (SKU:75-287-020)
Conjugate	Unconjugated
Isotype	IgG2a
Clone	N295B/66
Gene Name	Arl13b Arl2l1
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.125
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: 1:500 ICC: 1:500
Species Reactivity	Human, Mouse, Non-Human Primate, Rat, Xenopus, Zebrafish
Immunogen	Fusion protein amino acids 208-427 (C-terminus) of mouse Arl13b (accession number Q640N2) produced recombinantly in E. Coli
Specificity	Does not cross-react with Arl13a (based on KO validation results)
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.
Antibody Registry ID	AB_11001586
UniProt ID	Q640N2
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.

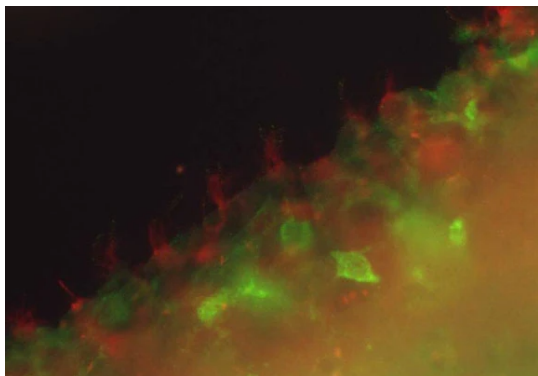
Product Images



Immunofluorescence of the ventricular zone of E14 mouse brain (frozen section) labeled with Anti-Arl13b (red, Cat No. 75-287, 1:1000) and CEP152 (Green). The blue is DAPI staining of nuclear DNA. Image kindly provided by Koh-ichi Nagata, Nagoya University Graduate School of Medicine.



Immunoblot versus crude membranes from adult rat brain (RBM) and pellet/lysate fractions of wild-type (WT) and Arl13b knockout (KO) mouse embryonic fibroblasts (MEF) probed with N295B/66 TC supe (left), rabbit polyclonal (middle) and N52A/42 TC supe (right). MEF cells courtesy of Laura Mariani and Tamara Caspary (Emory University SOM).



Immunofluorescence staining of adult rat brain sections with N295B/66 (red, cilia) and N147/6 (green) TC supe.

Product Page URL: www.antibodiesinc.com/products/anti-arl13b-antibody-n295b-66-75-287



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