

Anti-Mitofusin-2 Antibody

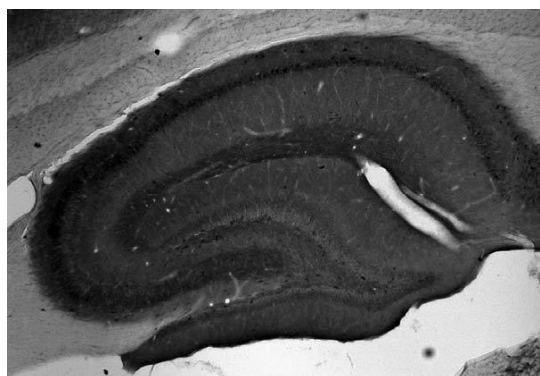


Product Details

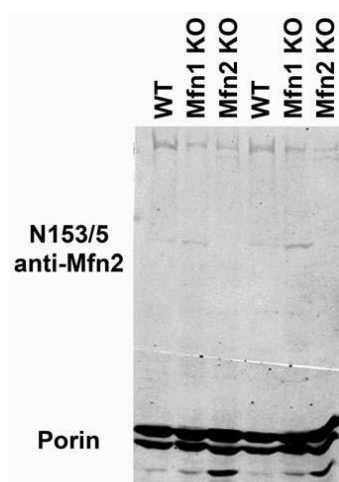
Available Variants	100 µL (SKU:75-173)
Conjugate	Unconjugated
Isotype	IgG2a
Clone	N153/5
Gene Name	Mfn2 Kiaa0214 Marf
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.101
Production 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
Species Reactivity	Mouse, Rat
Immunogen	Fusion protein amino acids 370-600 (cytoplasmic N-terminus) of mouse Mitofusin-2 (accession number Q80U63) produced recombinantly in E. Coli
Specificity	No cross-reactivity against Mitofusin-1
Molecular Weight	90 kDa
Quality Control	Each new lot of antibody is quality control tested on cells overexpressing target protein and confirmed to give the expected staining pattern.

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_2297598
UniProt ID	<u>Q80U63</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



Adult rat hippocampus immunohistochemistry.



Immunoblot versus crude cardiac mitochondrial preps from WT, Mfn1 KO or Mfn2 KO mice and probed with N153/5 TC supe (top) and Porin antibody (bottom). Data courtesy of Dr. Suzanne Hoppins, Dr. Laura Lackner and Dr. Jodi Nunnari, UC Davis.



Created on 09. September 2026 | All information without guarantee