

Anti-SUR1 Antibody

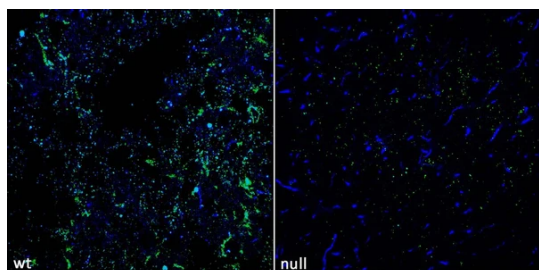


Product Details

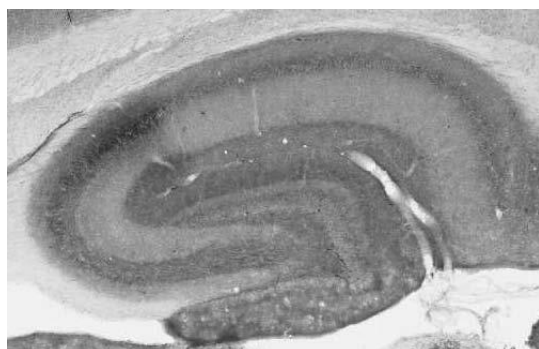
Available Variants	100 µL (SKU:75-267) 20 µL (SKU:75-267-020)
Conjugate	Unconjugated
Isotype	IgG1
Clone	N289/16
Gene Name	Abcc8 Sur Sur1
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide 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
Species Reactivity	Hamster, Mouse, Rat
Immunogen	Fusion protein amino acids 1548-1582 (LVMVLKRGAILFDKPEKLLSQKDSVFASFVRADK, cytoplasmic C-terminus) of rat SUR1 (accession number Q09429) produced recombinantly in E. Coli
Specificity	Does not cross-react with SUR2B (based on KO validation results)
Molecular Weight	180 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_11001558
UniProt ID	<u>Q09429</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.

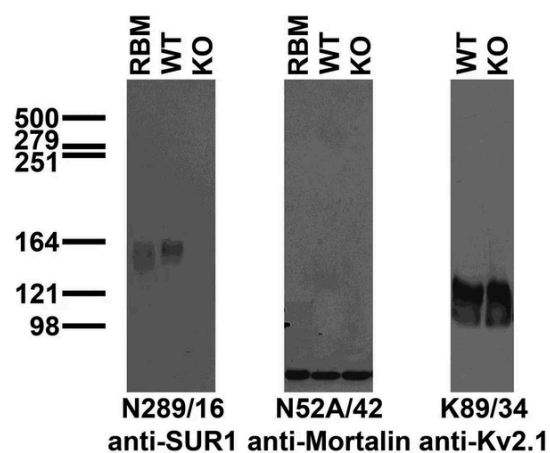
Product Images



Immunofluorescence against SUR1 WT (left) and null mutant (right) mouse striatum and stained with N289/16 (green) and commercial antibody against Tyrosine Hydroxylase (blue). Images courtesy of Paul Witkovsky, Jyoti Patel and Margaret Rice, New York University Medical Center.



Adult rat hippocampus immunohistochemistry (with antigen retrieval via Na citrate pretreatment).



Immunoblot versus crude brain membrane preparations from rat (RBM), SUR1 wild-type (WT) and knockout (KO) mice and probed with N289/16 (left), N52A/42 (center) and K89/34 (right) TC supe. Mouse brains courtesy of William Coetzee and Margaret Rice, New York University Medical Center.

Product Page URL: www.antibodiesinc.com/products/anti-sur1-antibody-n289-16-75-267



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