

Anti-VAPA/B Antibody

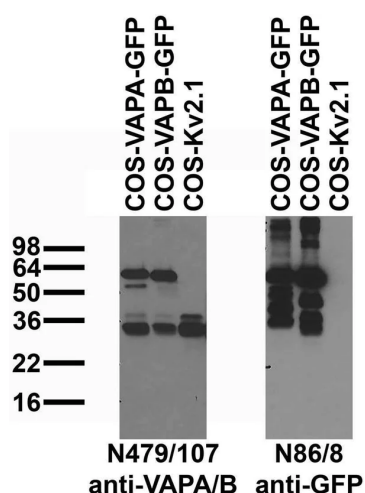


Product Details

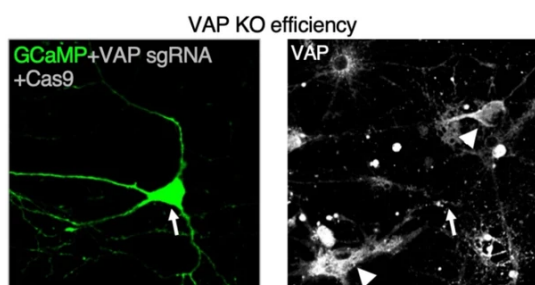
Available Variants	100 µL (SKU:75-496)
Conjugate	Unconjugated
Isotype	IgG2b
Clone	N479/107
Gene Name	Vapa Vap33
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.125
Production 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	IHC: 1:250
Species Reactivity	Mouse, Rat
Immunogen	Fusion protein amino acids 1-219 (N-terminus) of rat VAPA (accession number Q9Z270) produced recombinantly in E. Coli
Specificity	No cross-reactivity reported
Molecular Weight	30 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_2722711
UniProt ID	Q9Z270
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



Immunoblot against extracts of COS cells transiently transfected with GFP-tagged VAPA, VAPB or untagged Kv2.1 plasmid probed with N479/107 (left) or N86/8 (right) TC supe.



Representative images of transfected neurons (white arrow) expressing GCaMP or MitoPAGFP (green) and VAP CRISPR-Cas9 sgRNAs (e) and immunostained for VAP (Cat. 75-496, 1:100; white) show reduced VAP immunofluorescence compared to untransfected, Control neurons (white arrowheads), identified using Map2. Similar results were obtained with VAP shRNA KD. Image from publication CC-BY-4.0. [PMID:38177103](#)



Created on 10. September 2026 | All information without guarantee