

Anti-CASPR2 Antibody

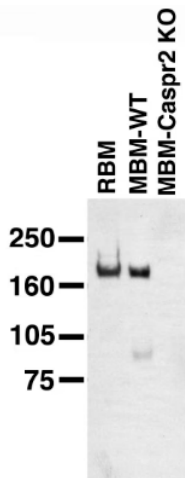


Product Details

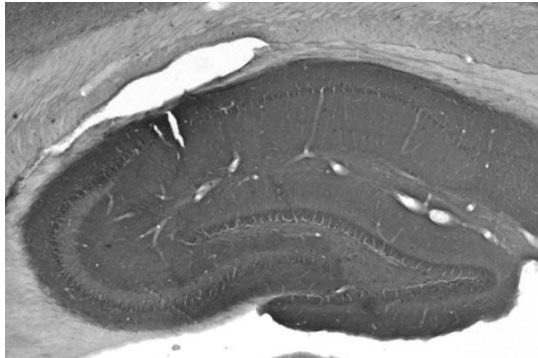
Available Variants	100 µL (SKU:75-075) 20 µL (SKU:75-075-020)
Conjugate	Unconjugated
Isotype	IgG2a
Clone	K67/25
Gene Name	CNTNAP2 hCG_15499 tcag7.496
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.7
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, IP, WB
Dilution Ranges	WB: 1:500 IHC: 1:100
Species Reactivity	Human, Mouse, Rat
Immunogen	Fusion protein 96-1265 (extracellular domain) of human Caspr2 (accession number A0A090N7T7) produced recombinantly in E. Coli
Specificity	No cross-reactivity against Caspr/paranodin
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_2245198
UniProt ID	<u>A0A090N7T7</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.

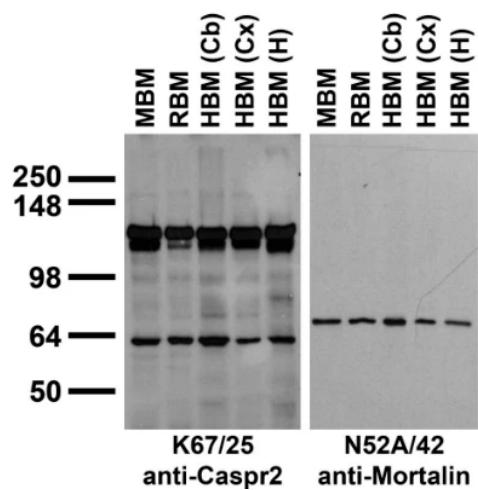
Product Images



Immunoblot on adult rat brain membrane (RBM), and adult mouse brain membranes (MBM) from wild-type (WT) and Caspr2 knockout mice. Caspr KO sample courtesy of Drs. Ido Horresh and Ori Peles, The Weizmann Institute of Science.



Adult rat hippocampus immunohistochemistry.



Immunoblots on brain membranes prepared from whole rat (RBM) and mouse (MBM) brain, and from human cerebral cortex [HBM(Cx)], cerebellum [HBM(Cb)], and hippocampus [HBM(H)].

Product Page URL: www.antibodiesinc.com/products/anti-caspr2-antibody-k67-25-75-075



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