

Anti-Pan-MAGUK Antibody

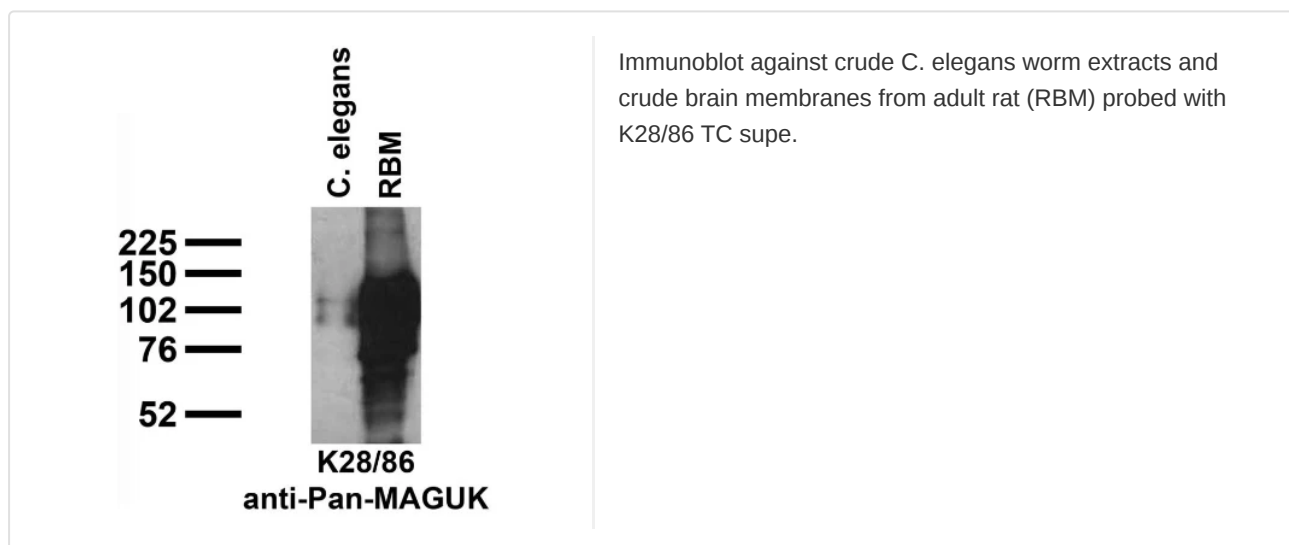


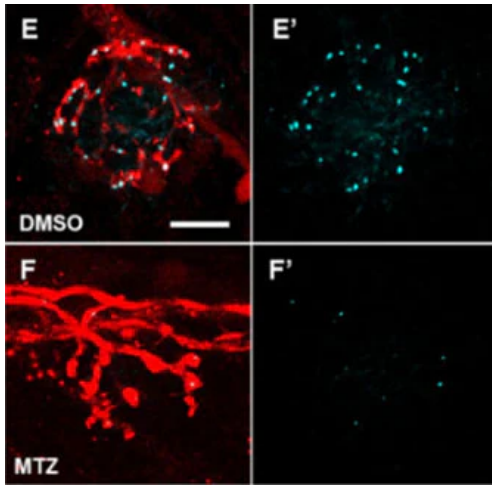
Product Details

Available Variants	100 μ L (SKU:75-029) 20 μ L (SKU:75-029-020)
Conjugate	Unconjugated
Isotype	IgG1
Clone	K28/86
Gene Name	DLG1 DLG2 DLG3 KIAA1232 DLG4 PSD95
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 7.4
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: 1:1000
Species Reactivity	C. elegans, Human, Mouse, Rat, Xenopus, Zebrafish
Immunogen	Fusion protein amino acids 77-299 of human PSD-95/SAP90 produced recombinantly in E. Coli
Specificity	Exhibits cross-reactivity against recombinant Chapsyn-110, SAP97 and SAP102
Molecular Weight	95-110 kDa (varies with cell background due to phosphorylation)

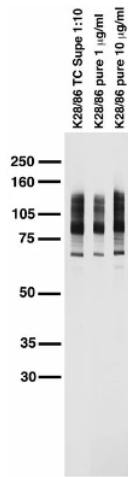
Quality Control	Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.
Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.
Antibody Registry ID	AB_10673115
UniProt ID	P78352
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





Fluorescence images showing sensory nerve endings with postsynaptic MAGUK+ (Cat. 75-029,1:200) puncta in *Ins:epNTR-mCherry* expressing Tg (*tubb2b:dsred*) zebrafish larvae treated with DMSO (E,E') and MTZ (F,F') at 9 dpf. Image from publication. [PMID: 39381501](https://pubmed.ncbi.nlm.nih.gov/39381501/)



Adult rat brain membrane immunoblot.

Product Page URL: www.antibodiesinc.com/products/anti-pan-maguk-antibody-k28-86-75-029



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