For Research Use Only

EPS8 Recombinant antibody

Catalog Number:85184-5-RR



Basic Information	Catalog Number: 85184-5-RR	GenBank Accession Number: BC030010	Purification Method: Protein A purification
	Size: 100ul , Concentration: 1000 µg/ml by Nanodrop; Source: Rabbit Isotype: IgG	GenelD (NCBI): 2059	CloneNo.: 242835G12
		UNIPROT ID: Q12929	Recommended Dilutions: WB 1:5000-1:50000
		Full Name:	
		epidermal growth factor receptor pathway substrate 8	
	Immunogen Catalog Number: AG3121	Calculated MW: 822 aa, 92 kDa	
		Observed MW: 97 kDa	
Applications	Tested Applications:	Positive Controls:	
	Species Specificity: human, mouse		s cells, C2C12 cells
Background Information	Epidermal growth factor receptor Pathway Substrate 8 (EPS8) is a crucial regulator of the actin cytoskeleton dynamics accompanying cell motility and invasion. This protein contains one PH domain and one SH3 domain leading to its binding activity with multiple cellular targets. EPS8 can function as a unique actin capping protein specifically required for dendritic cell migration and plays roles in the regulation of axonal filopodia in neuronal development and synapse formation. The EPS8 gene may contribute to the development of a subset of colorectal cancers and could have applications in diagnosis and treatment.		
Storage	Storage: Store at -20°C. Stable for one year after shipment. Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol, pH7.3		
*** 20ul sizes contain 0.1% BSA	Aliquoting is unnecessary for -20°C s	torage	

For technical support and original validation data for this product please contact:T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)E: proteintech@ptglab.comW: ptglab.comW: ptglab.com

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Selected Validation Data





NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 85184-5-RR (EPS8 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. Biolayer interferometry (BLI) kinetic assays of 85184-5-RR against Human EPS8 were performed. The affinity constant is 27.9 nM.