

For Research Use Only

EML1 Polyclonal antibody

Catalog Number: 12765-1-AP **1 Publications**



Basic Information

Catalog Number: 12765-1-AP	GenBank Accession Number: BC033043	Purification Method: Antigen affinity purification
Size: 700 µg/ml	GeneID (NCBI): 2009	Recommended Dilutions: WB 1:1000-1:6000
Source: Rabbit	UNIPROT ID: O00423	
Isotype: IgG	Full Name: echinoderm microtubule associated protein like 1	
Immunogen Catalog Number: AG3429	Calculated MW: 815 aa, 90 kDa	
	Observed MW: 90-92 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse brain tissue, rat brain tissue
Cited Applications: WB, IF	
Species Specificity: human, mouse, rat	

Background Information

EML1 is a strong candidate for the Usher syndrome type 1A gene. Usher syndromes (USHs) are a group of genetic disorders consisting of congenital deafness, retinitis pigmentosa, and vestibular dysfunction of variable onset and severity depending on the genetic type. The disease process in USHs involves the entire brain and is not limited to the posterior fossa or auditory and visual systems. The USHs are categorized as type I (USH1A, USH1B, USH1C, USH1D, USH1E and USH1F), type II (USH2A and USH2B) and type III (USH3). The type I is the most severe form. Gene loci responsible for these three types are all mapped.

Notable Publications

Author	Pubmed ID	Journal	Application
Hong Yin	34124073	Front Cell Dev Biol	IF, WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

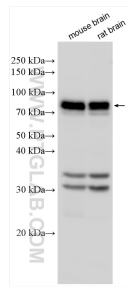
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12765-1-AP (EML1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.