

For Research Use Only

BAF53B Polyclonal antibody

Catalog Number: 27215-1-AP **1 Publications**



Basic Information

Catalog Number: 27215-1-AP	GenBank Accession Number: BC020944	Purification Method: Antigen affinity purification
Size: 450 µg/ml	GeneID (NCBI): 51412	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: O94805	
Isotype: IgG	Full Name: actin-like 6B	
Immunogen Catalog Number: AG25745	Calculated MW: 47 kDa	
	Observed MW: 47-53 kDa	

Applications

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

Background Information

BAF53B, also named as ACTL6B, encoded by this gene is a member of a family of actin-related proteins (ARPs) which share significant amino acid sequence identity to conventional actins. Both actins and ARPs have an actin fold, which is an ATP-binding cleft, as a common feature. The ARPs are involved in diverse cellular processes, including vesicular transport, spindle orientation, nuclear migration and chromatin remodeling. BAF53b is unique among nucleosome remodeling complex subunits because it is neuron specific and is not found in any other nucleosome remodeling complex besides the nBAF complex (PMID: 23525042). BAF53B can be detected as about 47-53 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Lucie Y Ahn	33141462	J Neurosci Res	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:

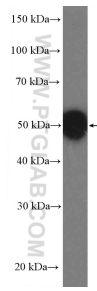
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Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 27215-1-AP (BAF53B) antibody at dilution of 1:1000 incubated at room temperature for 1.5 hours.