

For Research Use Only

BAF53B Polyclonal antibody

Catalog Number: 27215-1-AP

1 Publications



Basic Information

Catalog Number:

27215-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25745

GenBank Accession Number:

BC020944

GeneID (NCBI):

51412

UNIPROT ID:

O94805

Full Name:

actin-like 6B

Calculated MW:

47 kDa

Observed MW:

47-53 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

mouse, rat

Cited Species:

human

Positive Controls:

WB : mouse brain tissue, rat brain tissue

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

*** 20ul sizes contain 0.1% BSA

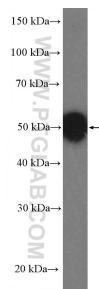
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.