

For Research Use Only

# ABHD12 Polyclonal antibody

Catalog Number: 22660-1-AP



## Basic Information

<b>Catalog Number:</b> 22660-1-AP	<b>GenBank Accession Number:</b> BC014049	<b>Purification Method:</b> Antigen affinity purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 26090	<b>Recommended Dilutions:</b> WB: 1:500-1:1000
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> Q8N2K0	
<b>Immunogen Catalog Number:</b> AG18522	<b>Full Name:</b> abhydrolase domain containing 12	
	<b>Calculated MW:</b> 404 aa, 46 kDa	
	<b>Observed MW:</b> 42-45 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse cerebellum tissue, rat cerebellum tissue
<b>Species Specificity:</b> human, mouse, rat	

## Background Information

ABHD12 is a recently identified post-genomic protein with poorly defined physiological function. Its potential role as a brain 2-AG hydrolase was revealed using ABPP with mouse brain proteome and it was estimated that at the bulk brain level. ABHD12 is a major brain Lyso-PS lipase, implicating lyso-PSs in the neurological disease PHARC, which is caused by null mutations in the ABHD12 gene (PMID: 21418147, 25580854).

## 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  
Aliquoting is unnecessary for -20°C storage

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

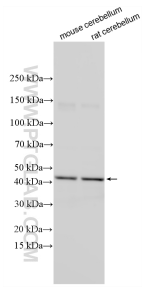
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 22660-1-AP (ABHD12 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.