

For Research Use Only

# ABHD6 Polyclonal antibody

Catalog Number: 20494-1-AP

Featured Product

3 Publications



## Basic Information

### Catalog Number:

20494-1-AP

### Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG13968

### GenBank Accession Number:

BC001698

### GeneID (NCBI):

57406

### UNIPROT ID:

Q9BV23

### Full Name:

abhydrolase domain containing 6

### Calculated MW:

337 aa, 38 kDa

### Observed MW:

35-40 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : rat spleen tissue,

IHC : mouse brain tissue, human brain tissue

## Background Information

$\alpha/\beta$ -hydrolase domain 6 (ABHD6) is a lipase linked to physiological functions affecting energy metabolism. ABHD6, which was first identified in the brain (PMID: 18096503), is a ubiquitously expressed lipase.

## Notable Publications

Author	Pubmed ID	Journal	Application
Jochen Schwenk	31604597	Neuron	WB
Xiaoyu Xiong	38197491	Mol Carcinog	WB
Zhiwei Xue	37480972	Pharmacol 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, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

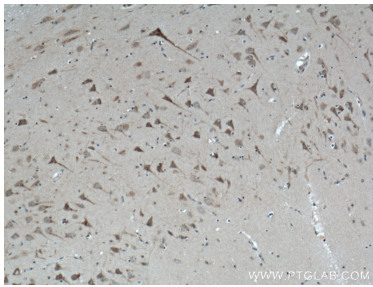
For technical support and original validation data for this product please contact:

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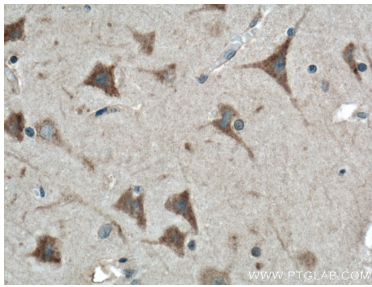
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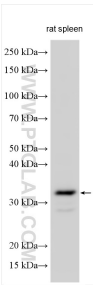
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 20494-1-AP (ABHD6 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 20494-1-AP (ABHD6 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 20494-1-AP (ABHD6 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 20494-1-AP (ABHD6 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).