

For Research Use Only

# SFXN5 Polyclonal antibody

Catalog Number: 29358-1-AP



## Basic Information

<b>Catalog Number:</b> 29358-1-AP	<b>GenBank Accession Number:</b> BC101312	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 94097	<b>Recommended Dilutions:</b> WB 1:2000-1:16000
<b>Source:</b> Rabbit	<b>Full Name:</b> sideroflexin 5	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 340 aa, 37 kDa	
<b>Immunogen Catalog Number:</b> AG16203	<b>Observed MW:</b> 37 kDa	

## Applications

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

## Background Information

SFXN5 (Sideroflexin-5) is an astrocytic mitovesicle protein. In brown adipose tissue, it is key modulators of the widely studied thermogenic protein uncoupling protein 1 (UCP1). (PMID: 36334589, PMID: 35904699)

## Storage

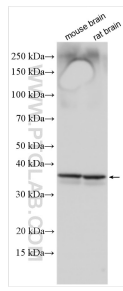
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29358-1-AP (SFN5 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.