

For Research Use Only

# SLC27A3 Recombinant antibody

Catalog Number: 86047-1-RR



## Basic Information

<b>Catalog Number:</b> 86047-1-RR	<b>GenBank Accession Number:</b> BC029792	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 11000	<b>CloneNo.:</b> 250628D5
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q5K4L6	<b>Recommended Dilutions:</b> WB: 1:2000-1:10000
<b>Isotype:</b> IgG	<b>Full Name:</b> solute carrier family 27 (fatty acid transporter), member 3	
<b>Immunogen Catalog Number:</b> AG4015	<b>Calculated MW:</b> 75 kDa	
	<b>Observed MW:</b> 70-79 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, rat	<b>WB :</b> MCF-7 cells, rat testis tissue, THP-1 cells, HaCaT cells

## Background Information

SLC27A3, also named as FATP3, is a member of the solute carrier 27A (SLC27A) gene family which encodes fatty acid transport proteins. SLC27A3 is expressed in human neural stem cells and plays a key role in the developmental stage of the central nervous system. It is associated with autism spectrum disorders (ASD) that caused by impaired early brain development.(PMID: 26548558).

## Storage

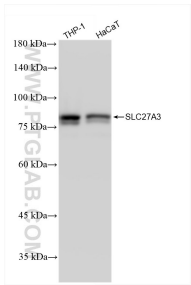
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

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

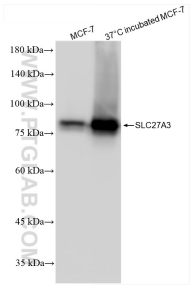
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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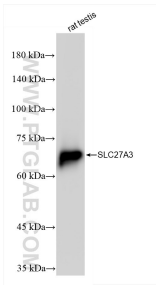
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86047-1-RR (SLC27A3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



MCF-7 cells were subjected to SDS PAGE followed by western blot with 86047-1-RR (SLC27A3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



rat testis tissue were subjected to SDS PAGE followed by western blot with 86047-1-RR (SLC27A3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.