

For Research Use Only

# SYT5 Polyclonal antibody

Catalog Number: 18124-1-AP



## Basic Information

<b>Catalog Number:</b> 18124-1-AP	<b>GenBank Accession Number:</b> BC046157	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 350 µg/ml	<b>GeneID (NCBI):</b> 6861	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O00445	
<b>Isotype:</b> IgG	<b>Full Name:</b> synaptotagmin V	
<b>Immunogen Catalog Number:</b> AG12677	<b>Calculated MW:</b> 43 kDa	
	<b>Observed MW:</b> 42 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : BxPC-3 cells,
<b>Species Specificity:</b> human	

## Background Information

The synaptotagmins are integral membrane proteins of synaptic vesicles thought to serve as Ca<sup>2+</sup> sensors in the process of vesicular trafficking and exocytosis (PMID: 8058779). SYT5 (synaptotagmin V) belongs to the synaptotagmin family. SYT5 can function as an exocytosis regulator (PMID: 27793683) and is a protein potentially associated with the pathology of schizophrenia (PMID: 32860155).

## 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

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

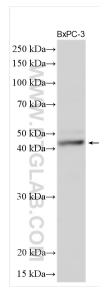
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## Selected Validation Data



BxPC-3 cells lysates were subjected to SDS PAGE followed by western blot with 18124-1-AP (SYT5 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.