

## Anti-VACHT antibody (STJ13100453)

STJ13100453

### GENERAL INFORMATION

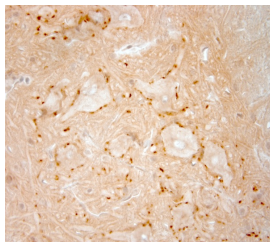
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Nz White Rabbit polyclonal antibody anti-VACHT is suitable for use in Immunohistochemistry and Western Blot research applications.
<b>Applications</b>	IHC, WB
<b>Host/Source</b>	NZ White Rabbit
<b>Reactivity</b>	Human, Mouse, Rat, Marmoset

### PRODUCT PROPERTIES

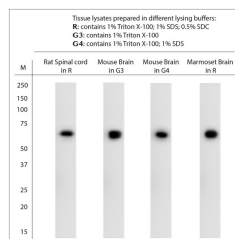
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Whole serum
<b>Dilution Range</b>	A dilution of 1:2000 is recommended for WB and to 1:1000 for IHC-P. The optimal dilution should be determined by the end user. Not yet tested in other applications.
<b>Formulation</b>	Shipped as lyophilised. Reconstitute in 100 µl of sterile water. Centrifuge to remove any insoluble material.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Maintain the lyophilised/reconstituted antibodies frozen at -20°C for long term storage and refrigerated at 2-8°C for a shorter term. When reconstituting, glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.

### TARGET INFORMATION

<b>Gene ID</b>	6572
<b>Gene Symbol</b>	SLC18A3
<b>Uniprot ID</b>	VACHT_HUMAN
<b>Immunogen</b>	A synthetic peptide from human VACHT conjugated to blue carrier protein was used as the antigen. The antigen is homologous in rat and mouse.
<b>Immunogen Region</b>	
<b>Specificity</b>	Specific for VACHT.
<b>Immunogen Sequence</b>	



IHC-P on paraffin sections of rat spinal cord. The animal was perfused using Autoperfuser at a pressure of 130 mmHg with 300 ml 4% FA before being processed for paraffin embedding. HIER: Tris-EDTA, pH 9 for 20 min using Thermo PT Module. Blocking: 0.2% LFD in TBST filtered thru 0.2 µm. Detection was done using Novolink HRP polymer from Leica following manufacturer's instructions. DAB chromogen. Primary antibody dilution 1: 1000, incubated 30 min at RT using Autostainer. Sections were counterstained with Harris Hematoxylin.



WB on rat and mouse tissue lysates. Blocking: 1% LFD in TBST for 30 min at RT; primary antibody dilution 1: 2000 incubated at 4°C overnight.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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