

Anti-VGluT3 antibody (STJ13100512)

STJ13100512

GENERAL INFORMATION

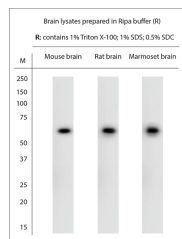
Product Type	Primary antibodies
Short Description	Nz White Rabbit polyclonal antibody anti-VGluT3 is suitable for use in Immunohistochemistry and Western Blot research applications.
Applications	IHC, WB
Host/Source	NZ White Rabbit
Reactivity	Mouse, Rat, Human, Marmoset

PRODUCT PROPERTIES

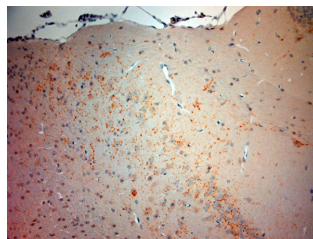
Clonality	Polyclonal
Clone ID	
Concentration	
Conjugation	Unconjugated
Purification	Whole serum
Dilution Range	A dilution of 1: 500 is recommended for WB and 1:250 for IHC-P. The optimal dilution should be determined by the end user. Not yet tested in other applications.
Formulation	Shipped as lyophilised. Reconstitute in 100 ul of sterile water. Centrifuge to remove any insoluble material.
Isotype	IgG
Storage Instruction	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

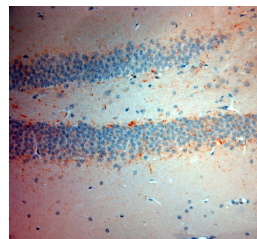
Gene ID	246213
Gene Symbol	SLC17A8
Uniprot ID	VGLU3_HUMAN
Immunogen	A synthetic peptide from mouse VGLUT3 conjugated to blue carrier protein was used as the antigen.
Immunogen Region	
Specificity	Specific for VGLUT3.
Immunogen Sequence	



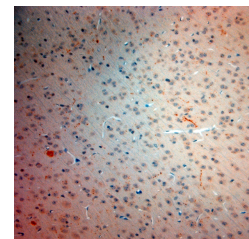
Western blot on brain lysates prepared in Ripa buffer (critical). Blocking: 1% LFDm for 30 min at RT; primary antibody: dilution 1:500 incubated overnight at 4C.



Immunohistochemistry on paraffin sections of mouse hippocampus. 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% LFDm in TBST filtered thru 0.2 µm. Detection was done using Novolink HRP polymer from Leica following manufacturers instructions; DAB chromogen: Candela DAB chromogen. Primary antibody: dilution 1:250, incubated 30 min at RT using Autostainer. Sections were counterstained with Harris Hematoxylin.



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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.

St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081