

## Guinea pig antibody to VGluT1

<b>Code</b>	OSV00112W
<b>ID Tag</b>	Gp0555-06122020-WS
<b>Unit size</b>	100 ul
<b>Immunogen</b>	A synthetic peptide from human VGluT1 conjugated to blue carrier protein was used as the antigen.
<b>Conjugate</b>	Unconjugated antibody
<b>Also known</b>	Vesicular glutamate transporter 1, VGLUT1, Solute carrier family 17 member 7, Brain-specific Na(+)-dependent inorganic phosphate cotransporter, Bnpi
<b>Host</b>	Guinea pig
<b>Purity</b>	Whole serum
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Polyclonal, whole serum
<b>Applications</b>	IHC, WB, Flow Cyt. A dilution of 1: 500 is recommended. The optimal dilution should be determined by the end user. Not yet tested in other applications.
<b>Specificity</b>	Specific for VGLUT1 (both isoforms 1 and 2).
<b>Spcs X-react.</b>	Human, rat, mouse, marmoset. Other species not yet tested.
<b>Format</b>	Lyophilised
<b>Reconstitution</b>	Reconstitute in 100 ul of sterile water. Centrifuge to remove any insoluble material.
<b>Storage</b>	Maintain the lyophilised/reconstituted antibodies frozen at -20C for long term storage and refrigerated at 2-8C for a shorter term. When reconstituting, glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.
<b>Expiry Date</b>	12 months after reconstitution
<b>Shipping</b>	This item will be shipped to you at ambient temperature in a lyophilised form.
<b>Limitation</b>	For research use only



IHC-P on paraffin sections of mouse cerebellum. 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 um. Detection was done using Osenses rabbit anti Gp adaptobody combined with HRP polymer from Leica following manufacturers instructions; DAB chromogen: Candela DAB chromogen from Osenses. Primary antibody: dilution 1: 1000, incubated 30 min at RT. Sections were counterstained with Harris Hematoxylin.

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### Related Products

OSV00006W	Rabbit antibody to VGluT1
OSV00007G	Rabbit antibody to VGluT1
OSV00069W	Rabbit antibody to VGluT1 (2-50)