

## PRODUCT DATA SHEET

### pab0049 Polyclonal Antibody to Vesicular Glutamate transporter type 2 (VGLUT2)

#### Product Number/Size

pab0049-0 Lyophilized from 100 µl of serum  
pab0049-1 Lyophilized from 200 µl of serum

#### Product specifications

<b>Immunogen</b>	A 19 residue synthetic peptide derived from C-terminal domain of rat Vesicular Glutamate Transporter type 2 (MW: 55-60kD)		
<b>Form</b>	Antiserum	<b>Raised in</b>	Rabbit
<b>Specificity</b>	Antiserum to rat VGLUT2 reacts specifically with 55-60 kD protein of BON cells stably expressing VGLUT2 and of total rat and human brain extracts		
<b>Cross reactions</b>	No cross reactivity was detected with VGLUT1 and VGLUT3		
<b>Working dilutions</b>	Optimal dilution should be determined by the end user The following are guidelines only : - Electronic microscopy : 1/2 000 - Immuno-autoradiography : 1/10 000 - Immunohistochemistry: 1/5 000 - Western Blot : 1/2 000		

#### Packaging specifications

<b>Appearance</b>	Lyophilized powder (glass vial) Vial must be reconstituted as follow : - pab0049-0 in 100 µl of distilled water - pab0049-1 in 200 µl of distilled water
<b>Preservative</b>	None
<b>Storage</b>	Short term storage : +4°C Long term storage : -20°C

#### References

Herzog E. and al The existence of a second vesicular glutamate transporter specifies subpopulations of glutamatergic neurons. J. Neurosci. 15, 21 (22) RC181: 1-6 (2001).



#### Product type

Primary antibody

#### Clonality

Polyclonal Antibody

#### Related product

pab0050 ; lab0273 ;  
lab0270 ; lab0264 ;  
lab0271 ; lab0274 ;  
lab0269 ; lab0272 ;  
opr0002 ; opr0008 ;  
opr0009

#### Warning

This is a laboratory reagent. It is not to be administered to human or animals nor be used as a drug

updated 08/02/2008

version D

#### Covalab France

11, Avenue Albert Einstein  
69100 Villeurbanne – France  
Phone +33 (0) 437 654 230  
Fax +33 (0) 437 289 416  
Email [pa@covalab.com](mailto:pa@covalab.com)  
[www.covalab.com](http://www.covalab.com)

#### Covalab – UK Ltd

St John's Innovation Centre  
Unit 75, Cowley Road  
Cambridge, CB40WS – UK  
Phone +44 (0) 1223 421055  
Fax +44 (0) 1223 420844  
Email [enquiries@covalab.co.uk](mailto:enquiries@covalab.co.uk)  
[www.covalab.co.uk](http://www.covalab.co.uk)