

PRODUCT DATA SHEET

pab0037 Polyclonal Antibody to Glutamate Transporter-1 GLT-1

Product Number/Size

pab0037-0 Lyophilized from 100 µl of serum
pab0037-1 Lyophilized from 200 µl of serum

Product specifications

Immunogen A 16 residue synthetic peptide derived from C-terminal domain of rat glutamate transporter GLT-1

Form Antiserum **Raised in** Rabbit

Specificity Antiserum to GLT-1 reacts with GLT-1 in rat and human CNS samples

Cross reactions Not yet tested

Working dilutions Optimal dilution should be determined by the end user
The following are guidelines only :
- FACS Scan : 1/10 to 1/200
- Immunohistology : 1/50 to 1/500
- Western Blot : 1/200 to 1/5 000

Packaging specifications

Appearance Lyophilized powder (glass vial)
Vial must be reconstituted as follow :
- pab0037-0 in 100 µl of distilled water
- pab0037-1 in 200 µl of distilled water

Preservative None

Storage Short term storage : +4°C
Long term storage : -20°C

References

- 1) Rothstein J.D. and al. Knockout of Glutamate Transporters Reveals a Major Role for Astroglial Transport in Excitotoxicity and Clearance of Glutamate. *Neuron*, 16(3), 675-686 (1996).
- 2) Rothstein J.D and al. Selective Loss of Glial Glutamate Transporter GLT-1 in Amyotrophic Lateral Sclerosis. *Ann. Neurol.*, 38(1), 73-84 (1995).



Product type

Primary antibody

Clonality

Polyclonal Antibody

Related product

pep0007 ; 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

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version C

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