

PRODUCT DATA SHEET

pab0036 Polyclonal Antibody to Glutamate Transporter-1 GLAST



Product Number/Size

pab0036-0 Lyophilized from 100 µl of serum
pab0036-1 Lyophilized from 200 µl of serum

Product specifications

Immunogen A 20 residue synthetic peptide derived from C-terminal domain of rat glutamate transporter-1 GLAST

Form Antiserum **Raised in** Rabbit

Specificity Antiserum to GLAST reacts with GLAST in rat 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 :
- pab0036-0 in 100 µl of distilled water
- pab0036-1 in 200 µl of distilled water

Preservative None

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

References

- 1) Rothstein J.D. Knockout of Glutamate Transporters Reveals a Major Role for Astroglial Transport in Excitotoxicity and Clearance of Glutamate. *Neuron*, 16(3), 675-686 (1996).
- 2) Schmitt A. Cellular and Regional Distribution of the Glutamate Transporter GLAST in the CNS of Rats : Nonradioactive In Situ Hybridization and Comparative Immunocytochemistry. *J. Neuro. Science*, 1, 17(1), 1-10 (1997).

Product type

Primary antibody

Clonality

Polyclonal Antibody

Related product

pep0002 ; 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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