



DISCOVERY®
ANTIBODIES

Data Sheet

Anti-Glutamate Transporter (GLAST) antibody

Product Description	Anti-Glutamate Transporter (GLAST) antibody corresponding to a region of the rat GLAST protein sequence
Cross reactivity	Rat, Mouse
Antigen	KLH conjugated synthetic peptide crb1200276
Catalogue Number	crb2005009f
Batch Number	CRB040
Host Species	Rabbit Polyclonal IgG
Formulation & Storage	Supplied in PBS containing 0.01% sodium azide and 1% trehalose. The product should be stored at -20°C
Quantity	100µg at 1mg/ml
Method of Preparation	Crude antiserum was purified by affinity chromatography using peptide specific antigen
Recommended Concentration	1:1000 (WB), 1:1000 (ELISA), 1:500 (IHC)
Validation	Please see overleaf
References	Rothstein <i>et al.</i> (1994). <i>Neuron</i> . 13 : 713. Yang and Zhong (2015). <i>Experimental and Therapeutic Medicine</i> . 3 :991-994.
Research Use	For research use only, not for use in diagnostic procedures

Certified by

Natasha Lethbridge

Date: 1st Nov 2016

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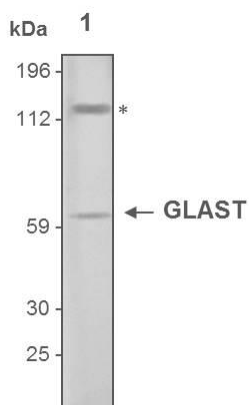


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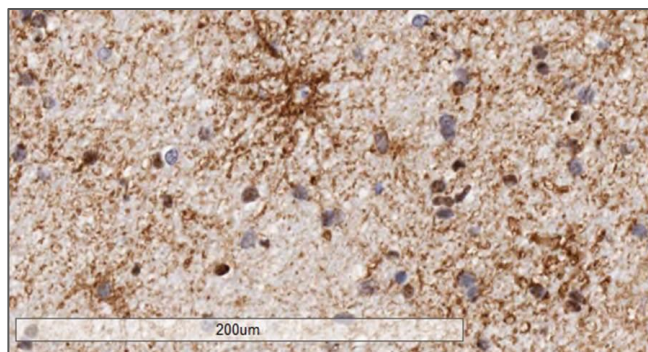
Anti-GLAST antibody (crb2005009f) (1 µg/ml) Molecular weight: ~60kDa

Western blot analysis of rat brain preparation.

Lane 1: Rat brain preparation (10 µg).

Secondary: Goat anti-rabbit IgG conjugated to HRP 1:2000.

* GLAST dimer at ~120 kDa



Anti-GLAST antibody (crb2005009f) (2.5 µg/ml)

Immunohistochemistry analysis of human adult brain formalin-fixed paraffin-embedded (FFPE) tissue.

Immunoreactivity detected in the cytoplasm and membrane of endothelial cells in the human cerebral cortex

Detection: Anti-Rabbit Secondary, Dako FLEX Plus.

Material Safety Data

THIS PRODUCT IS FOR RESEARCH USE ONLY AND IS NOT INTENDED FOR DIAGNOSTIC, THERAPEUTIC OR HUMAN USE

It is recommended that this material be handled by persons trained in laboratory techniques. Standard Laboratory Practices should be followed when handling this material.

The toxicological properties of this material have not been thoroughly investigated. Appropriate measures should be taken to avoid skin and eye contact, inhalation and ingestion. In case of contact with skin or eyes, wash immediately with water. In case of ingestion or inhalation, medical advice should be sought.

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