abcam

Product datasheet

Anti-Glutamate Transporter 1 antibody ab106289

2 Abreviews 11 References 画像数 1

製品の概要

製品名	Anti-Glutamate Transporter 1 antibody
製品の詳細	Rabbit polyclonal to Glutamate Transporter 1
由来種	Rabbit
アプリケーション	**適用あり:** WB
種交差性	**交差種:** Mouse, Rat **交差が予測される動物種:** Human
免疫原	Synthetic peptide corresponding to Rat Glutamate Transporter 1 (C terminal). A 16 residue synthetic peptide derived from the C terminal domain of Rat glutamate transporter 1. Database link: **P31596**
特記事項	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

製品の特性

製品の状態	Liquid
保存方法	Avoid freeze / thaw cycle.
バッファー	Constituent: Whole serum
精製度	Whole antiserum
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab106289の使用に適用されます

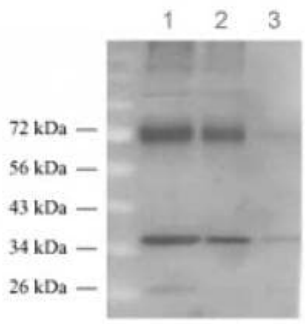
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/200 - 1/5000. Predicted molecular weight: 62 kDa.

ターゲット情報

機能	Transports L-glutamate and also L- and D-aspartate. Essential for terminating the postsynaptic action of glutamate by rapidly removing released glutamate from the synaptic cleft. Acts as a symport by cotransporting sodium.
配列類似性	Belongs to the dicarboxylate/amino acid:cation symporter (DAACS) (TC 2.A.23) family. SLC1A2 subfamily.
翻訳後修飾	Glycosylated. Palmitoylation at Cys-38 is not required for correct subcellular localization, but is important for glutamate uptake activity.
細胞内局在	Membrane.

画像



Western blot - Anti-Glutamate Transporter 1 antibody (ab106289)

All lanes : Anti-Glutamate Transporter 1 antibody (ab106289) at 1/1000 dilution

Lane 1 : Protein extract from rat brain
Lane 2 : Protein extract from mouse brain

Predicted band size: 62 kDa

Lane 3 shows inhibition of the immunoreactivity of ab106289 with blocking peptide.
Glutamate Transporter 1 protein is detected at 35 kDa and 70 kDa as a dimer.

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