

Anti-EAAT1 antibody ab416

★★★★★ [12 Abreviews](#) [135 References](#) [画像数 2](#)

製品の概要

製品名	Anti-EAAT1 antibody
製品の詳細	Rabbit polyclonal to EAAT1
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P
種交差性	交差種: Rat, Human
免疫原	Synthetic peptide corresponding to Rat EAAT1 (C terminal). Corresponding to 20 residues from the C-terminal. Database link: P24942 (Peptide available as ab127026)

特記事項

Glutamate-aspartate transporter is also known as GLAST.

We are constantly working hard to ensure we provide our customers with best in class antibodies. As a result, we are pleased to offer this antibody in a purified format as of 23rd June 2017. The following lots are still unpurified and still in stock as of 23rd June 2017 - GR3178513-1, GR3173220-1, GR3173220-2, GR293270-1, GR320843-2, GR320843-3, GR313192-1, GR320843-1. Lot numbers other than GR3178513-1, GR3173220-1, GR3173220-2, GR293270-1, GR320843-2, GR320843-3, GR313192-1, GR320843-1 will be purified. Please note that the dilutions may need to be adjusted accordingly. Purified antibodies have the advantage of being enriched for the fraction of immunoglobulin that specifically reacts with the target antigen and for having a reduction of serum proteins.

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	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

バッファー	Constituents: 2% Sucrose, 1.21% Tris, 0.75% Glycine
精製度	Protein A purified
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

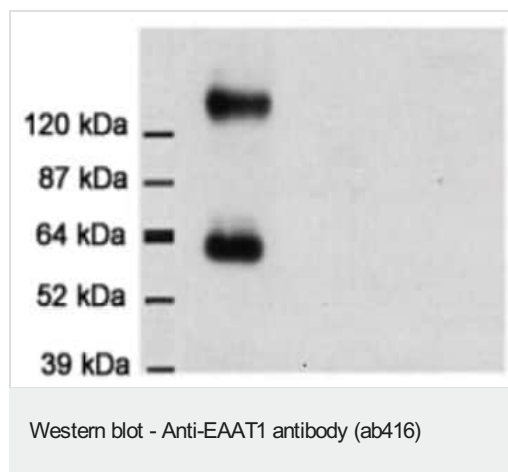
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab416の使用に適用されます**
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (3)	1/200 - 1/5000. Predicted molecular weight: 60 kDa.
IHC-P	★★★★★ (3)	1/50 - 1/500.

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.
組織特異性	Highly expressed in cerebellum, but also found in frontal cortex, hippocampus and basal ganglia.
関連疾患	Defects in SLC1A3 are the cause of episodic ataxia type 6 (EA6) [MIM:612656]. EA6 is characterized by episodic ataxia, seizures, migraine and alternating hemiplegia.
配列類似性	Belongs to the sodium:dicarboxylate (SDF) symporter (TC 2.A.23) family. SLC1A3 subfamily.
翻訳後修飾	Glycosylated.
細胞内局在	Membrane.

画像

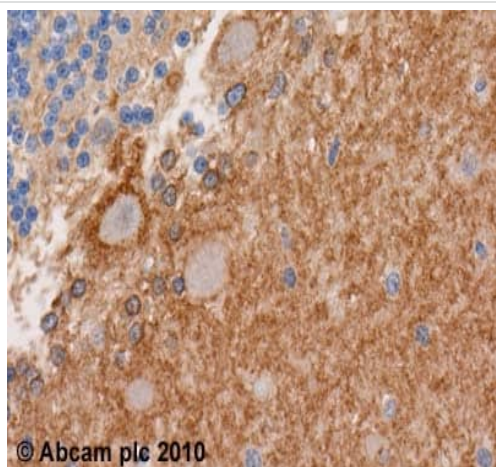


Anti-EAAT1 antibody (ab416) + Rat brain cortex

Predicted band size: 60 kDa

Observed band size: 60 kDa

Additional bands at: 150 kDa (possible dimer)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-EAAT1 antibody (ab416)

ab416 (1:500) staining EAAT1 in human cerebellum using an automated system (DAKO Autostainer Plus). Using this protocol there is strong staining of membrane cells in the purkinje glial region

Sections were rehydrated and antigen retrieved with the Dako 3 in 1 AR buffer EDTA pH 9.0 in a DAKO PT link. Slides were peroxidase blocked in 3% H₂O₂ in methanol for 10 mins. They were then blocked with Dako Protein block for 10 minutes (containing casein 0.25% in PBS) then incubated with primary antibody for 20 min and detected with Dako envision flex amplification kit for 30 minutes. Colorimetric detection was completed with Diaminobenzidine for 5 minutes. Slides were counterstained with Haematoxylin and coverslipped under DePeX. Please note that, for manual staining, optimization of primary antibody concentration and incubation time is recommended. Signal amplification may be required.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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