

Anti-EAAT3 antibody [EPR6774(B)] ab124802

リコンビナント **RabMAb**

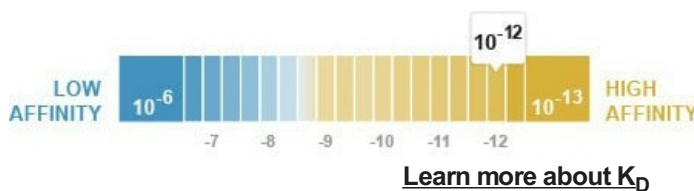
★★★★☆ **3 Abreviews** **16 References** 画像数 6

製品の概要

製品名	Anti-EAAT3 antibody [EPR6774(B)]
製品の詳細	Rabbit monoclonal [EPR6774(B)] to EAAT3
由来種	Rabbit
アプリケーション	適用あり: IHC-P, WB 適用なし: Flow Cyt, ICC/IF or IP
種交差性	交差種: Human
免疫原	Synthetic peptide within Human EAAT3 aa 150-250. The exact sequence is proprietary.
ポジティブ・コントロール	WB: Human fetal brain, human brain and human testis lysates . IHC-P: Human kidney tissue, and human glioma tissue. Flow Cyt: U-87 MG cells.
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
解離定数 (K _D 値)	K _D = 3.80 x 10 ⁻¹² M



バッファー	pH: 7.20 Preservative: 0.01% Sodium azide
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	Constituents: PBS, 40% Glycerol, 0.05% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR6774(B)
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ab124802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。

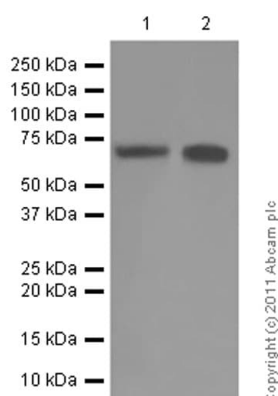
アプリケーション	Abreviews	特記事項
IHC-P	★★★★★ (1)	1/500 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB	★★★★★ (1)	1/10000 - 1/50000. Detects a band of approximately 70 kDa (predicted molecular weight: 57 kDa).

追加情報 Is unsuitable for Flow Cyt, ICC/IF or IP.

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. Negatively regulated by ARL6IP5.
組織特異性	Expressed in all tissues tested including liver, muscle, testis, ovary, retinoblastoma cell line, neurons and brain (in which there was dense expression in substantia nigra, red nucleus, hippocampus and in cerebral cortical layers).
配列類似性	Belongs to the sodium:dicarboxylate (SDF) symporter (TC 2.A.23) family. SLC1A1 subfamily.
翻訳後修飾	Glycosylated.
細胞内局在	Membrane.

画像



Western blot - Anti-EAAT3 antibody [EPR6774(B)] (ab124802)

All lanes : Anti-EAAT3 antibody [EPR6774(B)] (ab124802) at 1/50000 dilution ((unpurified))

Lane 1 : Human fetal brain tissue lysate

Lane 2 : Human testis tissue lysate

Lysates/proteins at 10 µg per lane.

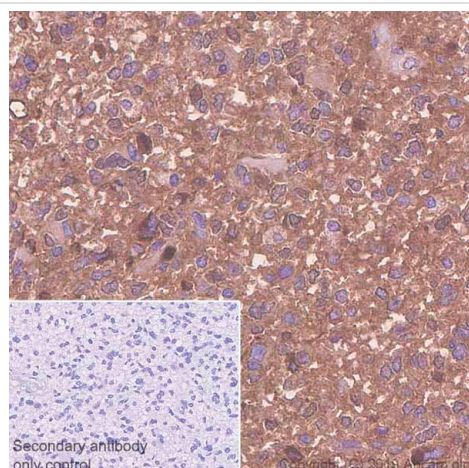
Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Observed band size: 70 kDa

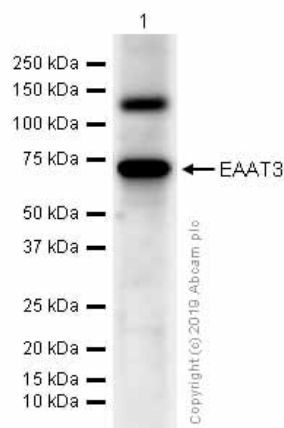
Exposure time: 30 seconds

Blocking and Diluting buffer : 5% NFDM/TBST



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-EAAT3 antibody [EPR6774(B)] (ab124802)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human glioma tissue sections labeling EAAT3 with purified ab124802 at 1/1000 dilution (0.8 µg/ml). Heat mediated antigen retrieval using Bond™ Epitope Retrieval Solution 2 (pH 9.0). Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.



Western blot - Anti-EAAT3 antibody [EPR6774(B)]
(ab124802)

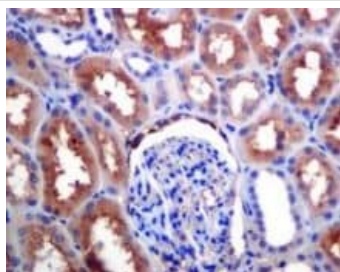
Anti-EAAT3 antibody [EPR6774(B)] (ab124802) at 1/1000 dilution
(Purified) + Human brain lysates at 15 μ g

Secondary

Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with
human IgG at 1/2000 dilution

Observed band size: 70 kDa

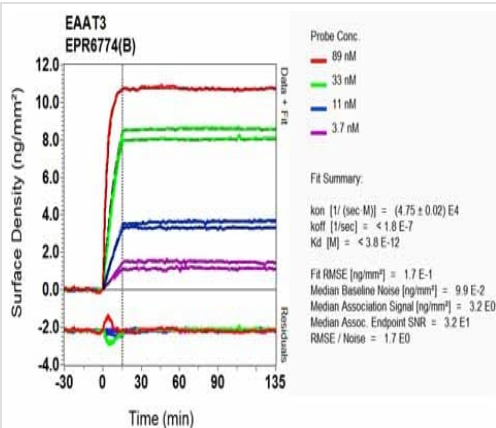
We are unsure how to define the extra bands.



Immunohistochemistry (Formalin/PFA-fixed paraffin-
embedded sections) - Anti-EAAT3 antibody
[EPR6774(B)] (ab124802)

Unpurified ab124802, at 1/500 dilution, staining EAAT3 in paraffin-
embedded Human kidney tissue by Immunohistochemistry.

Perform heat mediated antigen retrieval with citrate buffer pH 6
before commencing with IHC staining protocol.



OR-D Scanning - Anti-EAAT3 antibody
[EPR6774(B)] (ab124802)

Equilibrium dissociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-EAAT3 antibody [EPR6774(B)] (ab124802)

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

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