

Anti-EAAT3 antibody [EPR6774(B)] ab124802

重组 RabMAb

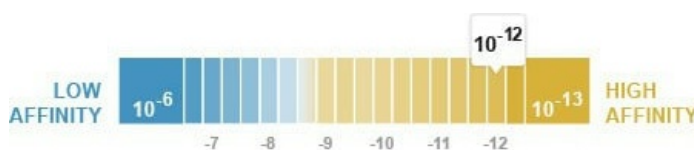
★★★★★ 3 Abreviews 16 References 6 图像

概述

产品名称	Anti-EAAT3抗体[EPR6774(B)]
描述	兔单克隆抗体[EPR6774(B)] to EAAT3
宿主	Rabbit
经测试应用	适用于: IHC-P, WB 不适用于: Flow Cyt, ICC/IF or IP
种属反应性	与反应: Human
免疫原	Synthetic peptide within Human EAAT3 aa 150-250. The exact sequence is proprietary.
阳性对照	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.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 For more information see here . Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents .

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
解离常数 (K _D)	K _D = 3.80 x 10 ⁻¹² M



[Learn more about K_D](#)

存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide
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	Constituents: PBS, 40% Glycerol, 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR6774(B)
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab124802于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

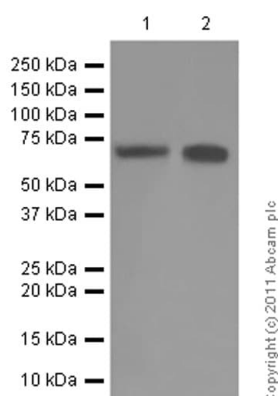
应用	Ab评论	说明
IHC-P	★★★★★ (1)	1/500 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB	★★★★★ (1)	1/10000 - 1/50000. Detects a band of approximately 70 kDa (predicted molecular weight: 57 kDa).

应用说明 Is unsuitable for Flow Cyt, ICC/IF or IP.

靶标

功能	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.
组织特异性	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).
序列相似性	Belongs to the sodium:dicarboxylate (SDF) symporter (TC 2.A.23) family. SLC1A1 subfamily.
翻译后修饰	Glycosylated.
细胞定位	Membrane.

图片



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.

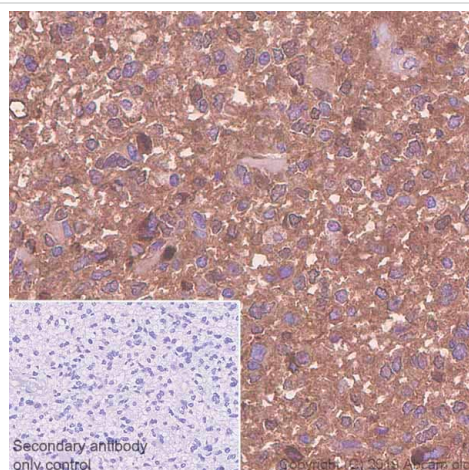
Secondary

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

Observed band size: 70 kDa

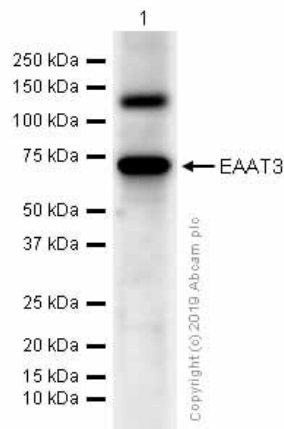
Exposure time: 30 seconds

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)

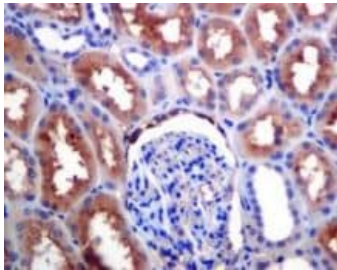
Anti-EAAT3 antibody [EPR6774(B)] (ab124802) at 1/1000 dilution
(Purified) + Human brain lysates at 15 µg

Secondary

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

Observed band size: 70 kDa

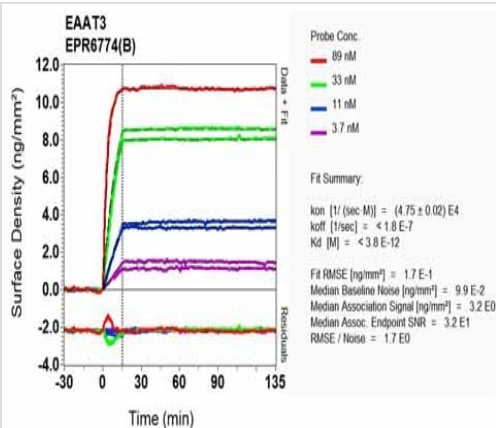
We are unsure how to define the extra bands.



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 disassociation 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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