

Anti-ATTY antibody [EPR6121] ab125000

重组 RabMAb

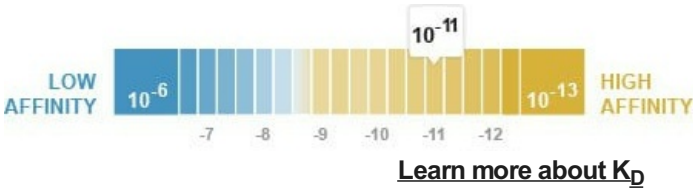
1 References 4 图像

概述

产品名称	Anti-ATTY抗体[EPR6121]
描述	兔单克隆抗体[EPR6121] to ATTY
宿主	Rabbit
经测试应用	适用于: WB, IHC-P 不适用于: Flow Cyt or IP
种属反应性	与反应: Human 预测可用于: Mouse, Rat
免疫原	Synthetic peptide within Human ATTY aa 300-400. The exact sequence is proprietary.
阳性对照	HeLa whole cell lysate (ab29545) can be used as a positive control in WB. HepG2 (treated with insulin), HepG2, and A549 cell lysates; Human brain tissue.
常规说明	<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>

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 = 4.19 x 10 ⁻¹¹ M



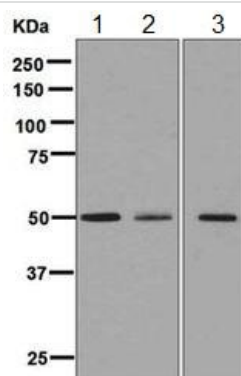
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR6121
同种型	IgG

The Abpromise guarantee **Abpromise™**承诺保证使用ab125000于以下的经测试应用

应用	Ab评论	说明
WB		1/1000 - 1/10000. Detects a band of approximately 50 kDa (predicted molecular weight: 50 kDa).
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. Heat up to 98 degrees C, below boiling, and then let cool for 10-20 min.

靶标

功能	Transaminase involved in tyrosine breakdown. Converts tyrosine to p-hydroxyphenylpyruvate. Can catalyze the reverse reaction, using glutamic acid, with 2-oxoglutarate as cosubstrate (in vitro). Has no transaminase activity towards phenylalanine.
通路	Amino-acid degradation; L-phenylalanine degradation; acetoacetate and fumarate from L-phenylalanine: step 2/6.
疾病相关	Defects in TAT are the cause of tyrosinemia type 2 (TYRO2) [MIM:276600]; also known as Richner-Hanhart syndrome. TYRO2 is an inborn error of metabolism characterized by elevations of tyrosine in the blood and urine, and oculocutaneous manifestations. Typical features include palmoplantar keratosis, painful corneal ulcers, and mental retardation.
序列相似性	Belongs to the class-I pyridoxal-phosphate-dependent aminotransferase family.



Western blot - Anti-ATTY antibody [EPR6121]
(ab125000)

All lanes : Anti-ATTY antibody [EPR6121] (ab125000) at 1/1000 dilution

Lane 1 : HepG2 cell lysate, treated with insulin

Lane 2 : HepG2 cell lysate, untreated

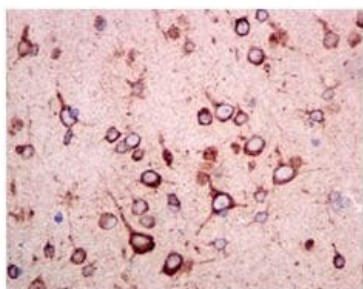
Lane 3 : A549 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat anti-Rabbit HRP at 1/2000 dilution

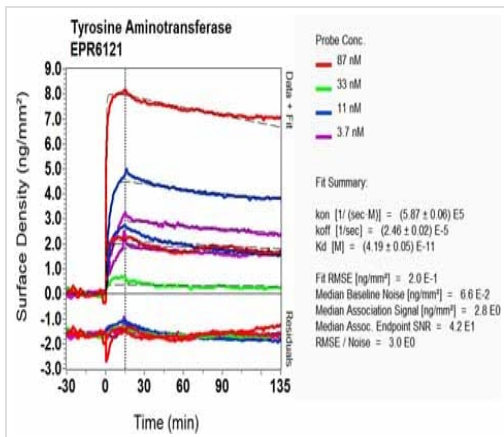
Predicted band size: 50 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ATTY antibody
[EPR6121] (ab125000)

ab125000 at 1/50 dilution staining ATTY in paraffin-embedded Human brain tissue by Immunohistochemistry.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



OI-RD Scanning - Anti-ATTY antibody [EPR6121]
(ab125000)

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-ATTY antibody [EPR6121] (ab125000)

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

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