


### Anti-ATTY antibody [EPR6121] ab125000

リコンビナント RabMAb<sup>®</sup>

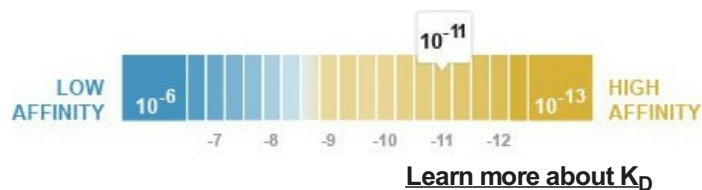
#### 1 References [画像数 4](#)

#### 製品の概要

製品名	Anti-ATTY antibody [EPR6121]
製品の詳細	Rabbit monoclonal [EPR6121] to ATTY
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, IHC-P <b>適用なし:</b> Flow Cyt or IP
種交差性	<b>交差種:</b> Human <b>交差が予測される動物種:</b> Mouse, Rat 
免疫原	Synthetic peptide within Human ATTY aa 300-400. The exact sequence is proprietary.
ポジティブ・コントロール	HeLa whole cell lysate ( <a href="#">ab29545</a> ) can be used as a positive control in WB. HepG2 (treated with insulin), HepG2, and A549 cell lysates; Human brain tissue.
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> For more information <a href="#">see here</a> . Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a> .

#### 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 <sub>D</sub> 値)	K <sub>D</sub> = 4.19 x 10 <sup>-11</sup> M



バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR6121
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ab125000の使用に適用されず**  
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。

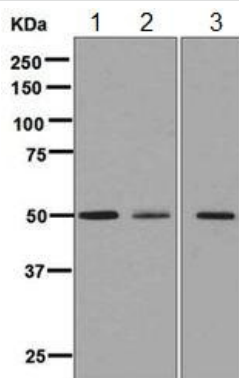
アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/10000. Detects a band of approximately 50 kDa (predicted molecular weight: 50 kDa).
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. Heat up to 98 degrees C, below boiling, and then let cool for 10-20 min.

**追加情報**      Is unsuitable for Flow Cyt or IP.

## ターゲット情報

<b>機能</b>	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.
<b>パスウェイ</b>	Amino-acid degradation; L-phenylalanine degradation; acetoacetate and fumarate from L-phenylalanine: step 2/6.
<b>関連疾患</b>	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.
<b>配列類似性</b>	Belongs to the class-I pyridoxal-phosphate-dependent aminotransferase family.

## 画像



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

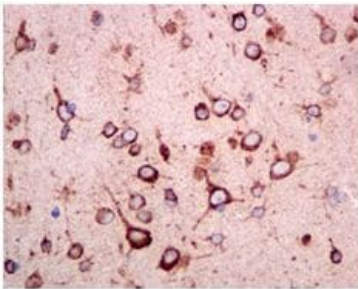
**Lane 3** : A549 cell lysate

Lysates/proteins at 10 µg per lane.

### Secondary

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

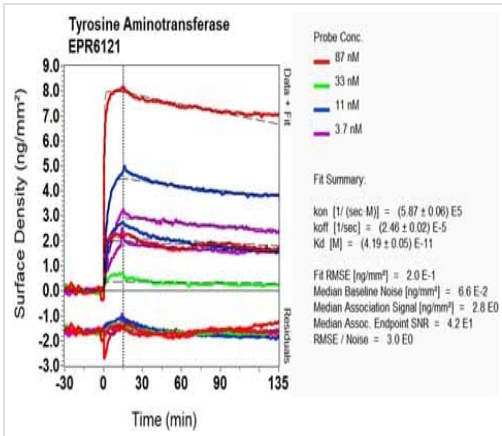
**Predicted band size:** 50 kDa



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.



Equilibrium disassociation constant ( $K_D$ )

Learn more about  $K_D$

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

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

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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