


Anti-TIM50 antibody [EPR5784] ab109527

リコンビナント **RabMAb**

3 References [画像数 4](#)

製品の概要

製品名	Anti-TIM50 antibody [EPR5784]
製品の詳細	Rabbit monoclonal [EPR5784] to TIM50
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P 適用なし: Flow Cyt, ICC/IF or IP
種交差性	交差種: Human 交差が予測される動物種: Mouse 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	293T, SH SY5Y, HepG2 and HeLa cell lysates Human kidney tissue, human liver tissue (IHC-P)
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> <p>Rat: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</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.
バッファー	<p>pH: 7.20</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant</p>
精製度	Protein A purified

ポリ/モノ	モノクローナル
クローン名	EPR5784
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ab109527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。

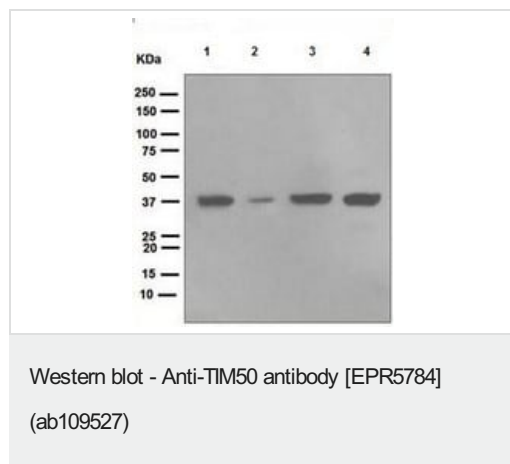
アプリケーション	Abreviews	特記事項
WB		1/10000 - 1/50000. Predicted molecular weight: 40 kDa.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

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

ターゲット情報

機能	Essential component of the TIM23 complex, a complex that mediates the translocation of transit peptide-containing proteins across the mitochondrial inner membrane. Has some phosphatase activity in vitro; however such activity may not be relevant in vivo. Isoform 2 may participate in the release of snRNPs and SMN from the Cajal body.
組織特異性	Widely expressed. Expressed at higher level in brain, kidney and liver (at protein level).
配列類似性	Belongs to the TIM50 family. Contains 1 FCP1 homology domain.
ドメイン	The FCP1 homology domain does not contain the canonical D-x-D-x-[TV] active site, suggesting that it probably does not display phosphatase activity in vivo.
細胞内局在	Mitochondrion inner membrane and Nucleus speckle. Nuclear and enriched in speckles with snRNPs.

画像



All lanes : Anti-TIM50 antibody [EPR5784] (ab109527) at 1/10000 dilution

Lane 1 : 293T (Human embryonic kidney epithelial cell) cell lysate

Lane 2 : SH-SY5Y cell lysate

Lane 3 : HepG2 cell lysate

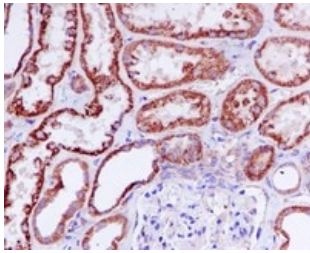
Lane 4 : HeLa cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

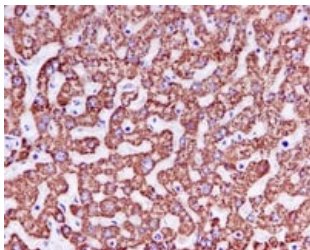
Predicted band size: 40 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TIM50 antibody
[EPR5784] (ab109527)

ab109527, at 1/50, staining TIM50 in paraffin-embedded human kidney tissue by Immunohistochemistry.

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



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TIM50 antibody
[EPR5784] (ab109527)

ab109527, at 1/50, staining TIM50 in paraffin-embedded human liver tissue by Immunohistochemistry.

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

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-TIM50 antibody [EPR5784] (ab109527)

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

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