

Anti-TPPP antibody [EPR3315] ab119987

リコンビナント **RabMAb**

画像数 4

製品の概要

製品名	Anti-TPPP antibody [EPR3315]
製品の詳細	Rabbit monoclonal [EPR3315] to TPPP
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 or ICC/IF
種交差性	交差種: Human
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	Human fetal brain and SH-SY5Y cell lysates; Human astrocytoma tissue.
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>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these 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 EPR3315
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ab119987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		1/1000 - 1/10000. Detects a band of approximately 25 kDa (predicted molecular weight: 23 kDa).
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. Heat up to 98°C, below boiling, and then let cool for 10-20 min.

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

ターゲット情報

機能 May play a role in the polymerization of tubulin into microtubules, microtubule bundling and the stabilization of existing microtubules, thus maintaining the integrity of the microtubule network.
May play a role in mitotic spindle assembly and nuclear envelope breakdown.

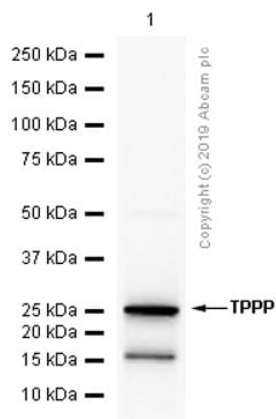
組織特異性 Widely expressed.

配列類似性 Belongs to the TPPP family.

翻訳後修飾 Poor substrate for GSK3 (By similarity). Phosphorylated by LIMK1 on serine residues.
Phosphorylation may alter the tubulin polymerization activity.

細胞内局在 Cytoplasm. Cytoplasm, cytoskeleton. Nucleus. Localizes to glial Lewy bodies in the brains of individuals with synucleinopathies.

画像



Western blot - Anti-TPPP antibody [EPR3315]
(ab119987)

Anti-TPPP antibody [EPR3315] (ab119987) at 1/1000 dilution
(Purified) + Human brain lysate at 15 µg

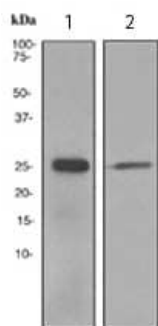
Secondary

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

Predicted band size: 23 kDa

Observed band size: 25 kDa

Blocking/Diluting Buffer and concentration: 5% NFDM/TBST



Western blot - Anti-TPPP antibody [EPR3315]
(ab119987)

All lanes : Anti-TPPP antibody [EPR3315] (ab119987) at 1/1000
dilution

Lane 1 : Human fetal brain lysate

Lane 2 : SH-SY5Y cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 23 kDa

The cell lysates were prepared in 1%SDS Hot lysis method



Immunohistochemistry (Formalin/PFA-fixed paraffin-
embedded sections) - Anti-TPPP antibody
[EPR3315] (ab119987)

ab119987 at 1/100 dilution staining TPPP in Paraffin-embedded
Human astrocytoma tissue by Immunohistochemistry.

Perform heat mediated antigen retrieval 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-TPPP antibody [EPR3315] (ab119987)

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

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