


Anti-GABARAP antibody [EPR4806] ab109299

リコンビナント **RabMAb**

★★★★★ **3 Abreviews** **1 References** **画像数 4**

製品の概要

製品名	Anti-GABARAP antibody [EPR4806]
製品の詳細	Rabbit monoclonal [EPR4806] to GABARAP
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
種交差性	交差種: Human 交差が予測される動物種: Rat 
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	SH-SY5Y cell lysate, Human fetal brain tissue lysate, Flag-GABARAP, Human heart tissue, Human brain 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: 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	EPR4806
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ab109299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確認ください。

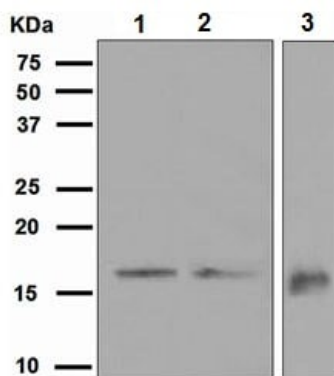
アプリケーション	Abreviews	特記事項
WB	★★★★★ (2)	1/1000 - 1/10000. Detects a band of approximately 17 kDa (predicted molecular weight: 14 kDa).
IHC-P	★★★★★ (1)	1/100 - 1/250. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

追加情報 Is unsuitable for Flow Cyt.

ターゲット情報

機能	Ubiquitin-like modifier that plays a role in intracellular transport of GABA(A) receptors and its interaction with the cytoskeleton. Involved in apoptosis. Involved in autophagy. Whereas LC3s are involved in elongation of the phagophore membrane, the GABARAP/GATE-16 subfamily is essential for a later stage in autophagosome maturation.
組織特異性	Heart, brain, placenta, liver, skeletal muscle, kidney and pancreas.
配列類似性	Belongs to the ATG8 family.
翻訳後修飾	The precursor molecule is cleaved by ATG4B to form the cytosolic form, GABARAP-I. This is activated by APG7L/ATG7, transferred to ATG3 and conjugated to phospholipid to form the membrane-bound form, GABARAP-II.
細胞内局在	Endomembrane system. Cytoplasm, cytoskeleton. Golgi apparatus membrane. Cytoplasmic vesicle, autophagosome. Largely associated with intracellular membrane structures including the Golgi apparatus and postsynaptic cisternae. Colocalizes with microtubules (By similarity). Localizes also to discrete punctae along the ciliary axoneme (By similarity).

画像



Western blot - Anti-GABARAP antibody [EPR4806]
(ab109299)

All lanes : Anti-GABARAP antibody [EPR4806] (ab109299) at
1/1000 dilution

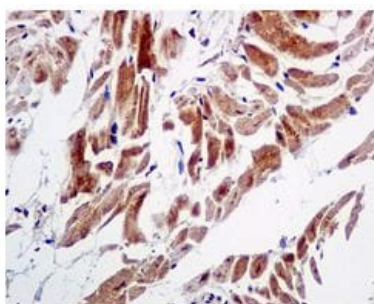
Lane 1 : Human fetal brain tissue lysate at 10 µg

Lane 2 : SH-SY5Y cell lysate at 10 µg

Lane 3 : Flag-GABARAP

Predicted band size: 14 kDa

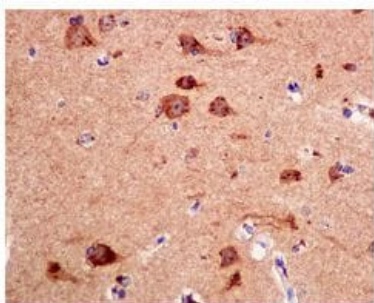
Observed band size: 17 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-
embedded sections) - Anti-GABARAP antibody
[EPR4806] (ab109299)

ab109299, at 1/100 dilution, staining GABARAP in Human heart
tissue by immunohistochemistry.

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



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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-GABARAP antibody [EPR4806] (ab109299)

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

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