

Anti-GABARAP + GABARAPL1 + GABARAPL3 antibody [EPR18862] ab191888

リコンビナント **RabMAb**

1 References [画像数 7](#)

製品の概要

製品名	Anti-GABARAP + GABARAPL1 + GABARAPL3 antibody [EPR18862]
製品の詳細	Rabbit monoclonal [EPR18862] to GABARAP + GABARAPL1 + GABARAPL3
由来種	Rabbit
アプリケーション	適用あり: IP, WB
種交差性	交差種: Mouse, Rat, Human, Recombinant fragment
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	WB: Human GABARAPL1 full length recombinant protein; Recombinant human GABARAPL3 full length protein; Recombinant human GABARAP full length protein; Human brain lysate; HeLa and HepG2 whole cell lysates; Mouse brain, kidney and spleen lysates; Rat brain and kidney lysates. IP: Mouse brain lysate
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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
バッファー	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
精製度	Protein A purified

ポリ/モノ	モノクローナル
クローン名	EPR18862
アイソタイプ	IgG

アプリケーション

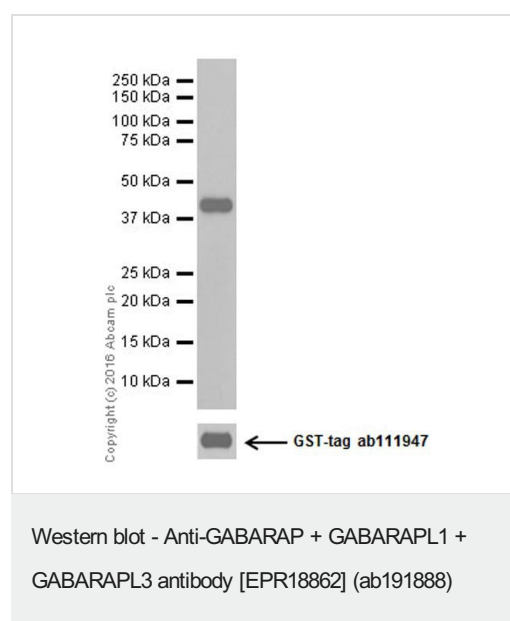
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab191888の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
IP		1/150.
WB		1/1000. Detects a band of approximately 17 kDa (predicted molecular weight: 14 kDa).

ターゲット情報

細胞内局在	GABARAP: Endomembrane system. Cytoplasm > cytoskeleton. Golgi apparatus membrane. Largely associated with intracellular membrane structures including the Golgi apparatus and post-synaptic cisternae. Colocalizes with microtubules. GABARAPL1: Cytoplasm > cytoskeleton. Cytoplasmic vesicle membrane. Endoplasmic reticulum. Golgi apparatus. Cytoplasmic vesicle > autophagosome. GABARAPL3: Cytoplasmic; Cytoskeleton; Microtubule
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画像



Anti-GABARAP + GABARAPL1 + GABARAPL3 antibody
[EPR18862] (ab191888) at 1/1000 dilution + Human GABARAPL1
full length recombinant protein at 0.02 µg

Secondary

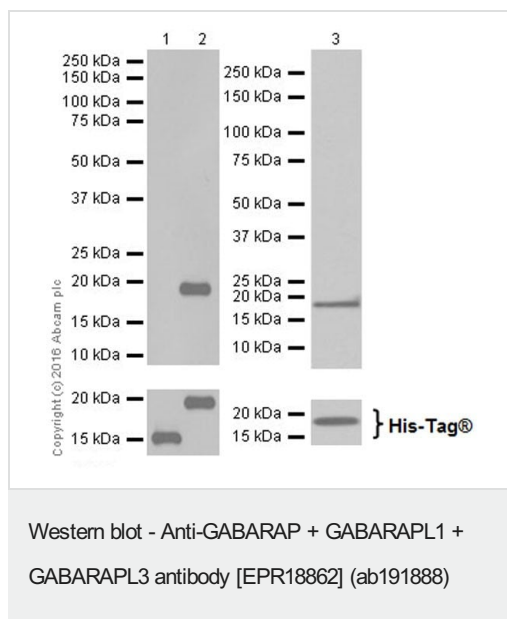
Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/100000 dilution

Predicted band size: 14 kDa

Exposure time: 5 seconds

Blocking/Dilution buffer: 5% NFDM/TBST.

Human GABARAPL1 full length recombinant protein contains aa1-117 with a GST-Tag.



All lanes : Anti-GABARAP + GABARAPL1 + GABARAPL3

antibody [EPR18862] (ab191888) at 1/5000 dilution

Lane 1 : Recombinant human GABARAPL2 full length protein

Lane 2 : Recombinant human GABARAPL3 full length protein

Lane 3 : Recombinant human GABARAP full length protein

Lysates/proteins at 0.01 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at

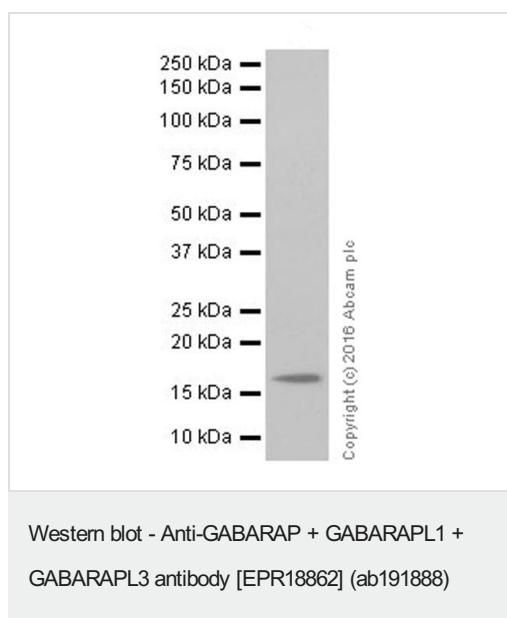
1/100000 dilution

Predicted band size: 14 kDa

Blocking/Dilution buffer: 5% NFDm/TBST.

Exposure times: Lane 1 and 2: 5 seconds; Lane 3: 3 minutes.

All three recombinant human full length proteins contain aa1-117 with an N-terminal His-Tag®. This product showed higher reactivity with GABARAPL1 and GABARAPL3, and lower reactivity with GABARAP.



Anti-GABARAP + GABARAPL1 + GABARAPL3 antibody

[EPR18862] (ab191888) at 1/1000 dilution + Human brain tissue lysate at 10 µg

Secondary

Goat Anti-Rabbit IgG Peroxidase Conjugate, specific to the non-reduced form of IgG at 1/10000 dilution

Predicted band size: 14 kDa

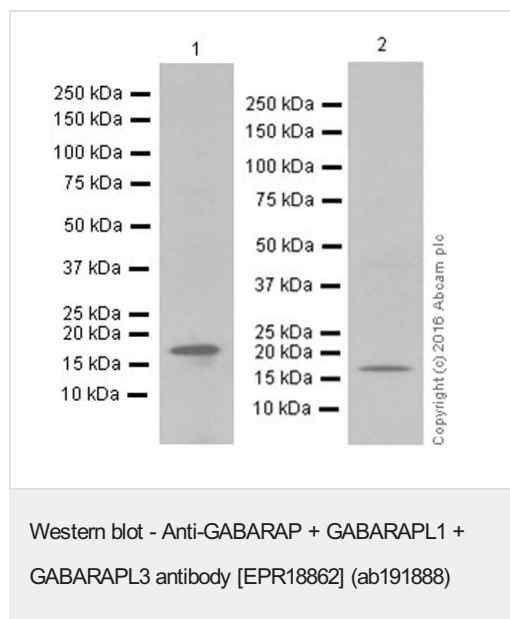
Observed band size: 17 kDa

Exposure time: 3 minutes

Blocking/Dilution buffer: 5% NFDm/TBST.

The observed MW is a little higher than predicted one (14KD), which is similar with the published literatures (PMID: 16650615 &

21862879).



All lanes : Anti-GABARAP + GABARAPL1 + GABARAPL3

antibody [EPR18862] (ab191888) at 1/1000 dilution

Lane 1 : HeLa (Human epithelial cell line from cervix adenocarcinoma) whole cell lysate

Lane 2 : HepG2 (Human liver hepatocellular carcinoma cell line) whole cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/10000 dilution

Predicted band size: 14 kDa

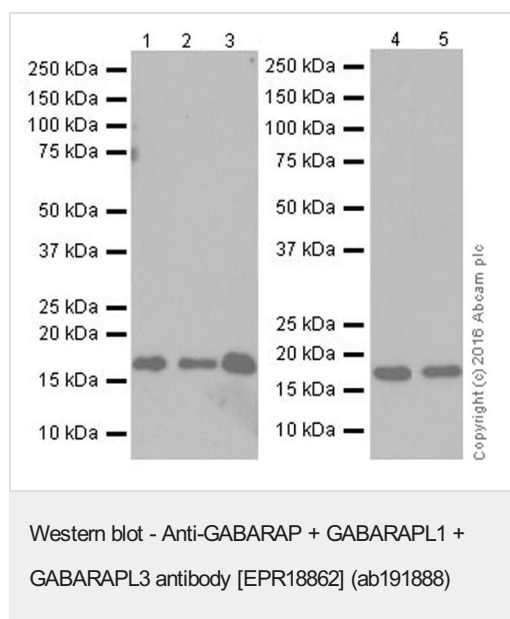
Observed band size: 17 kDa

Exposure time: 30 seconds

Blocking/Dilution buffer: 5% NFDM/TBST.

Exposure time:30 seconds

The observed MW is a little higher than predicted one (14KD), which is similar with the published literatures (PMID: 16650615 & 21862879).



All lanes : Anti-GABARAP + GABARAPL1 + GABARAPL3

antibody [EPR18862] (ab191888) at 1/1000 dilution

Lane 1 : Mouse brain lysate

Lane 2 : Mouse kidney lysate

Lane 3 : Mouse spleen lysate

Lane 4 : Rat brain lysate

Lane 5 : Rat kidney lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

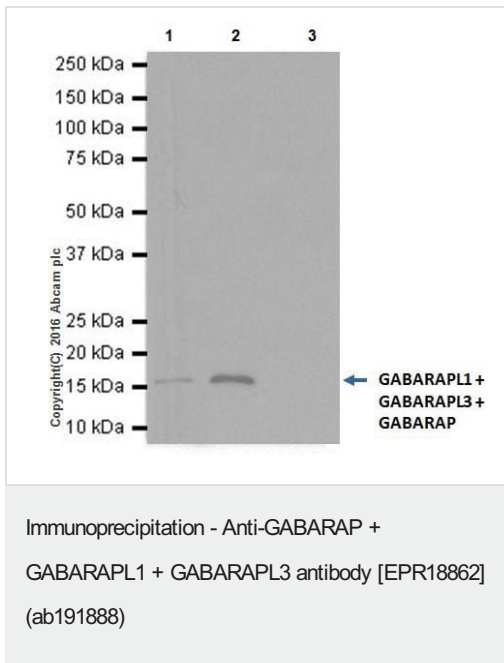
Predicted band size: 14 kDa

Observed band size: 17 kDa

Exposure time: 3 minutes

Blocking/Dilution buffer: 5% NFDM/TBST.

The observed MW is a little higher than predicted one (14KD), which is similar with the published literatures (PMID: 16650615 & 21862879).



GABARAP + GABARAPL1 + GABARAPL3 was immunoprecipitated from 1 mg of Mouse brain lysate with ab191888 at 1/150 dilution. Western blot was performed from the immunoprecipitate using ab191888 at 1/1000 dilution. VeriBlot for IP Detection Reagent (HRP) ([ab131366](#)), was used for detection at 1/1000 dilution.

Lane 1: Mouse brain lysate, 10µg (Input).

Lane 2: ab191888 IP in Mouse brain lysate.

Lane 3: Rabbit IgG, monoclonal [EPR25A]- Isotype Control ([ab172730](#)) instead of ab191888 in Mouse brain lysate.

Blocking and dilution buffer and concentration: 5% NFDM/TBST.

Exposure time: 3 minutes.

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

Anti-GABARAP + GABARAPL1 + GABARAPL3 antibody [EPR18862] (ab191888)

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