

Anti-SEC23B + SEC23A antibody [EPR22723-102] ab270750

リコンビナント RabMAb

画像数 7

製品の概要

製品名	Anti-SEC23B + SEC23A antibody [EPR22723-102]
製品の詳細	Rabbit monoclonal [EPR22723-102] to SEC23B + SEC23A
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P
種交差性	交差種: Mouse, Rat, Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: Purified LIF/His-tagged SEC23B recombinant protein, His-tagged SEC23A recombinant protein; human liver lysate; mouse liver lysate; MEF, HeLa, Raji, C6, RAW 264.7, PC-12, and NIH/3T3 whole cell lysates. IHC-P: Human cerebrum tissue; mouse liver tissue, rat kidney 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>

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: 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	EPR22723-102

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ab270750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。

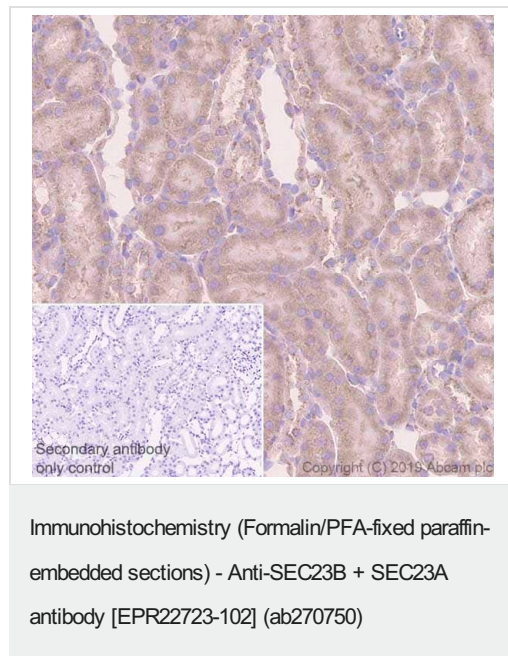
アプリケーション	Abreviews	特記事項
WB		1/1000. Detects a band of approximately 86 kDa (predicted molecular weight: 86 kDa).
IHC-P		1/100. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

ターゲット情報

細胞内局在

SEC23B: Golgi apparatus membrane. Endoplasmic reticulum membrane. Endoplasmic reticulum-Golgi intermediate compartment membrane. SEC23: Smooth endoplasmic reticulum membrane. Golgi apparatus membrane. In the ribosome-free transitional face of the ER and associated vesicles.

画像

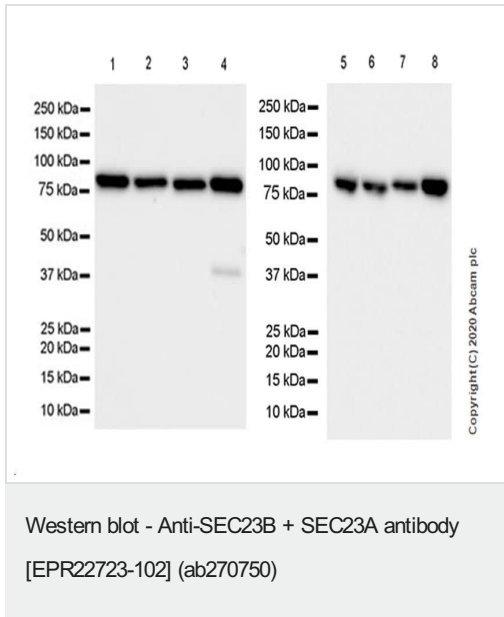


Immunohistochemical analysis of paraffin-embedded rat kidney tissue labeling SEC23B + SEC23A with ab270750 at 1/100 dilution followed by a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**). Positive cytoplasmic staining on rat kidney (PMID: 22745161).

The section was incubated with ab270750 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND[®] RX instrument Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**).

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins.



All lanes : Anti-SEC23B + SEC23A antibody [EPR22723-102] (ab270750) at 1/1000 dilution

Lane 1 : MEF (mouse embryonic fibroblast (immortalized)) whole cell lysate

Lane 2 : HeLa (human cervix adenocarcinoma epithelial cell) whole cell lysate

Lane 3 : Raji (human burkitts lymphoma b lymphocyte) whole cell lysate

Lane 4 : Mouse liver tissue lysate

Lane 5 : C6 (rat glial tumor glial cell) whole cell lysate

Lane 6 : RAW 264.7 (mouse abelson murine leukemia virus-induced tumor macrophage) whole cell lysate

Lane 7 : PC-12 (rat adrenal gland pheochromocytoma) whole cell lysate

Lane 8 : NIH/3T3 (mouse embryonic fibroblast) whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

Lanes 1-7 : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Lane 8 : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 20000 mg/ml

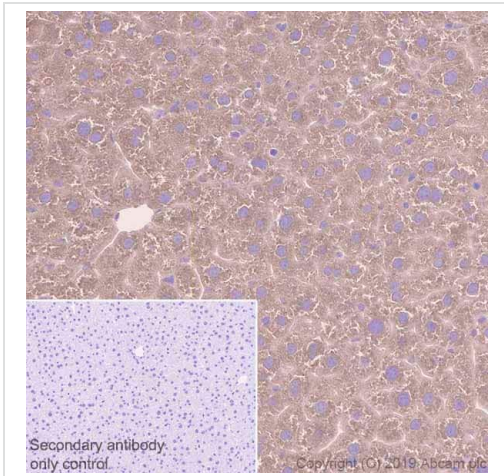
Predicted band size: 86 kDa

Observed band size: 86 kDa

Blocking and diluting buffer and concentration: 5% NFDN/TBST.

The molecular weight observed is consistent with what has been described in the literature (PMID: 22745161).

Exposure time: Lanes 1-4: 26 seconds; Lanes 5-8: 10 seconds.



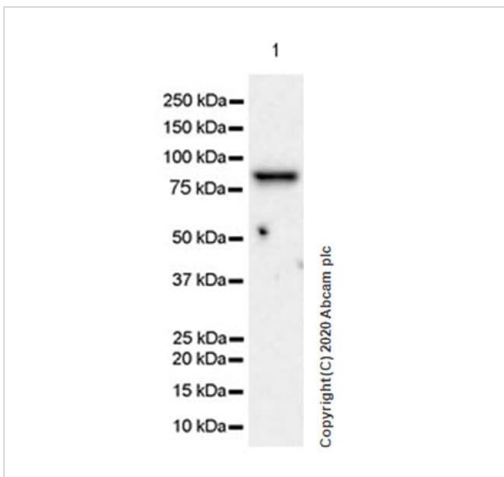
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SEC23B + SEC23A antibody [EPR22723-102] (ab270750)

Immunohistochemical analysis of paraffin-embedded mouse liver tissue labeling SEC23B + SEC23A with ab270750 at 1/100 dilution followed by a ready to use Rabbit specific IHC polymer detection kit HRP/DAB ([ab209101](#)). Positive cytoplasmic staining on mouse liver (PMID: 22745161).

The section was incubated with ab270750 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND[®] RX instrument Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Rabbit specific IHC polymer detection kit HRP/DAB ([ab209101](#)).

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins.



Western blot - Anti-SEC23B + SEC23A antibody [EPR22723-102] (ab270750)

Anti-SEC23B + SEC23A antibody [EPR22723-102] (ab270750) at 1/1000 dilution + Human liver tissue lysate at 20 µg

Secondary

VeriBlot for IP Detection Reagent (HRP) ([ab131366](#)) at 1/1000 dilution

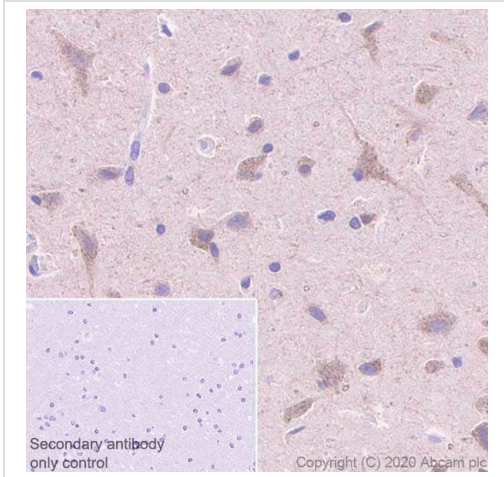
Predicted band size: 86 kDa

Observed band size: 86 kDa

Blocking and diluting buffer and concentration: 5% NFDN/TBST.

The molecular weight observed is consistent with what has been described in the literature (PMID: 22745161).

Exposure time: 3 minutes.



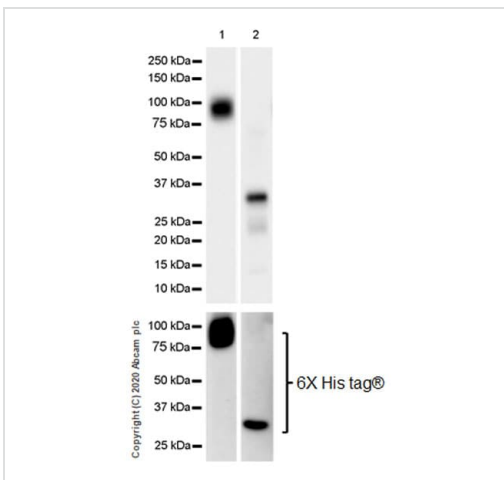
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SEC23B + SEC23A antibody [EPR22723-102] (ab270750)

Immunohistochemical analysis of paraffin-embedded human cerebrum tissue labeling SEC23B + SEC23A with ab270750 at 1/100 dilution followed by a ready to use Rabbit specific IHC polymer detection kit HRP/DAB ([ab209101](#)). Positive cytoplasmic staining on human cerebrum (PMID: 22745161) is observed.

The section was incubated with ab270750 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND[®] RX instrument Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Rabbit specific IHC polymer detection kit HRP/DAB ([ab209101](#)).

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins.



Western blot - Anti-SEC23B + SEC23A antibody [EPR22723-102] (ab270750)

All lanes : Anti-SEC23B + SEC23A antibody [EPR22723-102] (ab270750) at 1/1000 dilution

Lane 1 : Purified LIF/His-tagged SEC23B recombinant protein (aa127-392), 10 ng

Lane 2 : His-tagged SEC23A recombinant protein (aa127-392)

Secondary

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

Predicted band size: 86 kDa

Blocking and diluting buffer and concentration: 5% NFDm/TBST.

Both the recombinant proteins were made in house.

SEC23B recombinant protein was expressed from a mammalian - HEK-293 expression system. The LIF tag is about 40 kDa.

SEC23A recombinant protein was from E.coil extracts.

Exposure time: 3 seconds.

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-SEC23B + SEC23A antibody [EPR22723-102]
(ab270750)

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

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