abcam

Product datasheet

Anti-BAG2 antibody [EPR3567] ab79406

KO 評価済 リコンビナント RabMAb

9 References 画像数 5

製品の概要

製品名	Anti-BAG2 antibody [EPR3567]
製品の詳細	Rabbit monoclonal [EPR3567] to BAG2
由来種	Rabbit
アプリケーション	**適用あり:** IP, 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 within Human BAG2 aa 1-100 (N terminal). The exact sequence is proprietary.
ポジティブ・コントロール	WB: Jurkat, HeLa and HepG2 cell lysates. IHC-P: Human ovarian carcinoma tissue. IP: Jurkat lysate.
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information **see here**. Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**. Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

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	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
精製度	Protein A purified

ポリ/モノ	モノクローナル
クローン名	EPR3567
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ab79406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
IP		Use at an assay dependent concentration.
WB		1/1000 - 1/5000. Detects a band of approximately 24 kDa (predicted molecular weight: 24 kDa).
IHC-P		1/100. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

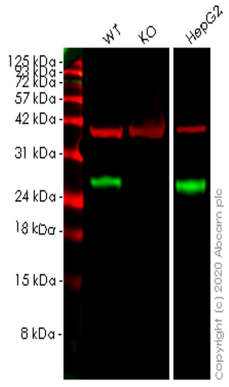
追加情報 Is unsuitable for Flow Cyt or ICC/IF.

ターゲット情報

機能 Inhibits the chaperone activity of HSP70/HSC70 by promoting substrate release.

配列類似性 Contains 1 BAG domain.

画像



Western blot - Anti-BAG2 antibody [EPR3567] (ab79406)

All lanes : Anti-BAG2 antibody [EPR3567] (ab79406) at 1/1000 dilution

Lane 1 : Wild-type HeLa cell lysate
Lane 2 : BAG2 knockout HeLa cell lysate
Lane 3 : HepG2 cell lysate

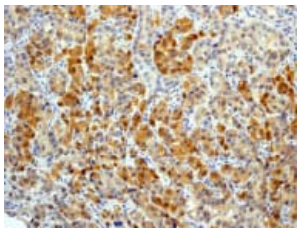
Lysates/proteins at 20 µg per lane.

Secondary
All lanes : Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed (**ab216773**) at 1/10000 dilution

Predicted band size: 24 kDa
Observed band size: 25 kDa

Lanes 1-3: Merged signal (red and green). Green - ab79406 observed at 25 kDa. Red - loading control **ab8245** observed at 36 kDa.

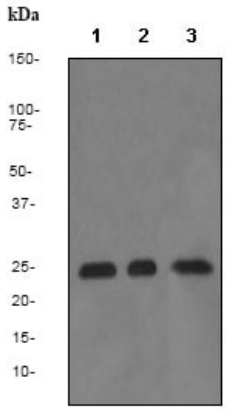
ab79406 Anti-BAG2 antibody [EPR3567] was shown to specifically react with BAG2 in wild-type HeLa cells. Loss of signal was observed when knockout cell line **ab265907** (knockout cell lysate **ab257369**) was used. Wild-type and BAG2 knockout samples were subjected to SDS-PAGE. ab79406 and Anti-GAPDH antibody [6C5] - Loading Control (**ab8245**) were incubated overnight at 4°C at 1 in 1000 dilution and 1 in 20000 dilution respectively. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed (**ab216773**) and Goat anti-Mouse IgG H&L (IRDye® 680RD) preadsorbed (**ab216776**) secondary antibodies at 1 in 20000 dilution for 1 hour at room temperature before imaging.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BAG2 antibody [EPR3567] (ab79406)

ab79406, at 1/100 dilution, staining BAG2 in human ovarian carcinoma by Immunohistochemistry using paraffin-embedded tissue.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Western blot - Anti-BAG2 antibody [EPR3567] (ab79406)

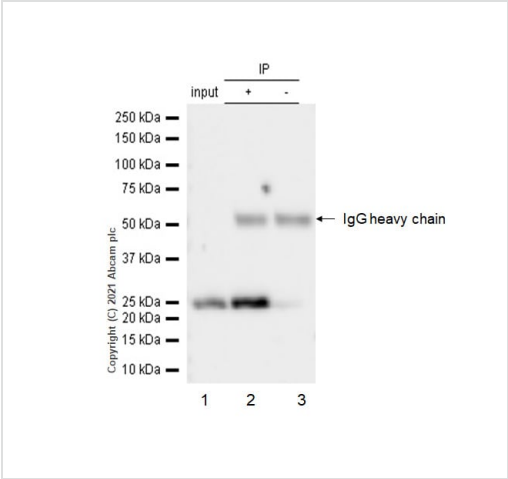
All lanes : Anti-BAG2 antibody [EPR3567] (ab79406) at 1/5000 dilution

Lane 1 : Jurkat cell lysate
Lane 2 : HeLa cell lysate
Lane 3 : HepG2 cell lysate

Lysates/proteins at 10 µg per lane.

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

Predicted band size: 24 kDa
Observed band size: 24 kDa



Immunoprecipitation - Anti-BAG2 antibody [EPR3567] (ab79406)

BAG2 was immunoprecipitated from 0.35 mg Jurkat (Human T cell leukemia T lymphocyte) whole cell lysate 10 µg with 79406 at 1/50 dilution (2µg). VeriBlot for IP Detection Reagent (HRP)(**ab131366**) was used at 1/5000 dilution.

Lane 1: Jurkat (Human T cell leukemia T lymphocyte) whole cell lysate 10 µg

Lane 2: ab79406 IP in Jurkat whole cell lysate

Lane 3: Rabbit monoclonal IgG (**ab172730**) instead of ab79406 in Jurkat whole cell lysate

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

Anti-BAG2 antibody [EPR3567] (ab79406)

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