abcam

Product datasheet

Anti-Acetylcholinesterase antibody ab31276

★★★★☆ **4 Abreviews**   **13 References**   **画像数** 4

製品の概要

製品名	Anti-Acetylcholinesterase antibody
製品の詳細	Goat polyclonal to Acetylcholinesterase
由来種	Goat
特異性	This antibody is expected to recognise isoform NP_000656 only (the ubiquitously expressed, hydrophillic form).
アプリケーション	**適用あり:** WB, ICC/IF, Flow Cyt
種交差性	**交差種:** Human
	交差が予測される動物種: Rat, Rabbit, Cow, Cat ⚠
免疫原	Synthetic peptide: QFDHYSKQDRCSDL , corresponding to C terminal amino acids 601-614 of Human Acetylcholinesterase 🖼 **Run BLAST with** 🖼 **Run BLAST with**
ポジティブ・コントロール	WB: Jurkat, HepG2, SkHep1, Snu387, and SW620 cell lysates. Flow Cyt: HeLa cells ICC/IF: U2OS cells
特記事項	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: Tris buffered saline, 0.5% BSA
精製度	Immunogen affinity purified

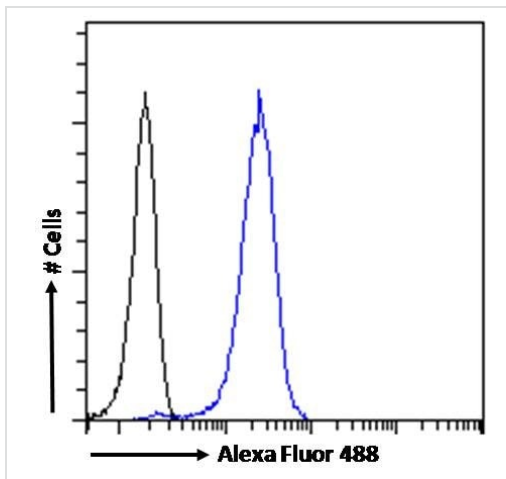| 特記事項（精製）	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

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ab31276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。

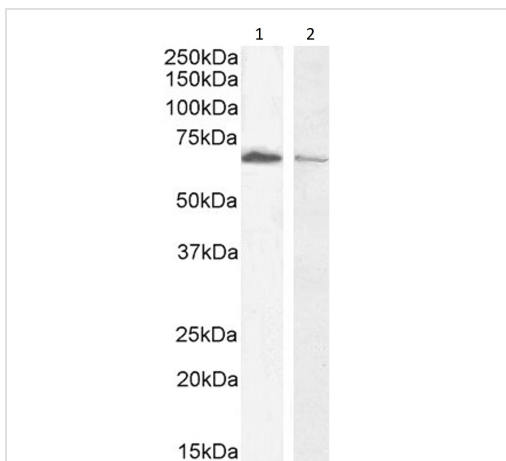| アプリケーション	Abreviews	特記事項
WB	★★★★☆ (3)	Use a concentration of 1 - 3 µg/ml. Detects a band of approximately 70 kDa (predicted molecular weight: 68 kDa). 1 hour primary incubation is recommended for this product.
ICC/IF		Use a concentration of 10 µg/ml.
Flow Cyt		Use a concentration of 10 µg/ml.

ターゲット情報

機能	Terminates signal transduction at the neuromuscular junction by rapid hydrolysis of the acetylcholine released into the synaptic cleft. Role in neuronal apoptosis.
組織特異性	Isoform H is highly expressed in erythrocytes.
配列類似性	Belongs to the type-B carboxylesterase/lipase family.
細胞内局在	Cell membrane; Cell junction > synapse. Secreted. Cell membrane and Nucleus. Only observed in apoptotic nuclei.

画像

Flow Cytometry - Anti-Acetylcholinesterase antibody (ab31276)

Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10µg/mL) followed by Alexa Fluor 488 secondary antibody (1µg/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

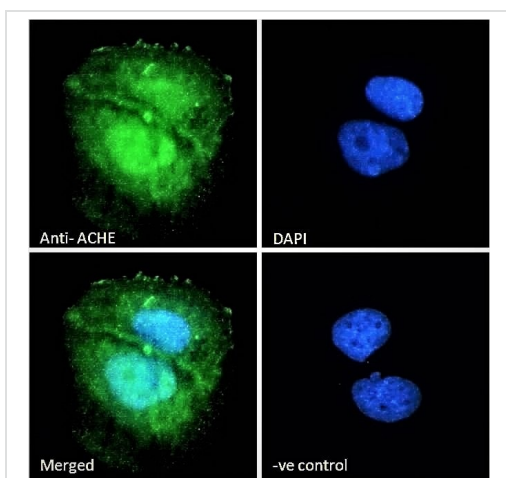Western blot - Anti-Acetylcholinesterase antibody (ab31276)

All lanes : Anti-Acetylcholinesterase antibody (ab31276) at 0.3 µg/ml

Lane 1 : Jurkat cell lysate at 0.5 µg/ml
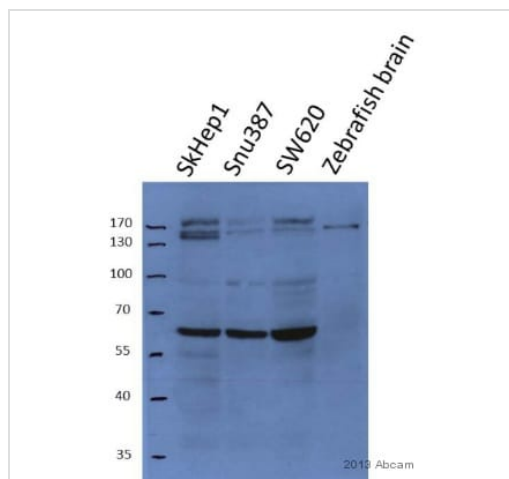**Lane 2 :** HepG2 cell lysate in RIPA buffer at 35 µg

Predicted band size: 68 kDa

Detected by chemiluminescence.

Immunocytochemistry/ Immunofluorescence - Anti-Acetylcholinesterase antibody (ab31276)

Immunocytochemistry/Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10µg/mL) followed by Alexa Fluor 488 secondary antibody (2µg/mL), showing nuclear, membrane and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10µg/mL) followed by Alexa Fluor 488 secondary antibody (2µg/mL).

Western blot - Anti-Acetylcholinesterase antibody (ab31276)

This image is courtesy of an Abreview submitted by Ender Avci

All lanes : Anti-Acetylcholinesterase antibody (ab31276) at 1/200 dilution

Lane 1 : SkHep1 cell lysate

Lane 2 : Snu387 cell lysate

Lane 3 : SW620 cell lysate

Lane 4 : Zebrafish brain lysate

Lysates/proteins at 50 μg per lane.

Secondary

All lanes : HRP-conjugated Rabbit anti-goat IgG polyclonal at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 68 kDa

Exposure time: 20 minutes

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