



### Anti-RYBP antibody ab5976

★★★★★ **3 Abreviews**   **10 References**   画像数 4

#### 製品の概要

製品名	Anti-RYBP antibody
製品の詳細	Rabbit polyclonal to RYBP
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, IHC-P, ICC/IF
種交差性	<b>交差種:</b> Mouse, Human
免疫原	Synthetic peptide: TPKGDMSAVNDESF , corresponding to amino acids 215-228 of Human DEDAF.  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
ポジティブ・コントロール	A549, HepG2 or 3T3 whole cell lysate.
特記事項	<p>Apoptosis is related to many diseases and induced by a family of cell death receptors and their ligands. Cell death signals are transduced by death domain (DD) death effector domain (DED), and caspase recruitment domain (CARD) containing molecules. Several molecules including caspases and adaptor FADD contain DEDs. A novel protein that interacts with DED of caspase 8 and 10, and FADD was identified recently and designated DEDAF for DED associated factor. DEDAF is identical to the transcriptional repressor RYBP. DEDAF/RYBP is expressed in multiple tissues and cell lines. DEDAF interacts with FADD and augments the formation of CD95/FADD/caspase 8 complexes at the cell membrane, and interacts with DED-containing DNA binding protein (DEDD) in the nucleus indicating it is involved in the regulation of both cytoplasmic and nuclear events of apoptosis.</p> <p>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.</p> <p>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&amp;As</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). Store at +4°C.

バッファー	pH: 7.2 Preservative: 0.02% Sodium azide
精製度	Immunogen affinity purified
特記事項 (精製)	DEDAF Antibody is affinity chromatography purified via peptide column.
一次抗体 備考	Apoptosis is related to many diseases and induced by a family of cell death receptors and their ligands. Cell death signals are transduced by death domain (DD) death effector domain (DED), and caspase recruitment domain (CARD) containing molecules. Several molecules including caspases and adaptor FADD contain DEDs. A novel protein that interacts with DED of caspase 8 and 10, and FADD was identified recently and designated DEDAF for DED associated factor. DEDAF is identical to the transcriptional repressor RYBP. DEDAF/RYPB is expressed in multiple tissues and cell lines. DEDAF interacts with FADD and augments the formation of CD95/FADD/caspase 8 complexes at the cell membrane, and interacts with DED-containing DNA binding protein (DEDD) in the nucleus indicating it is involved in the regulation of both cytoplasmic and nuclear events of apoptosis.
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

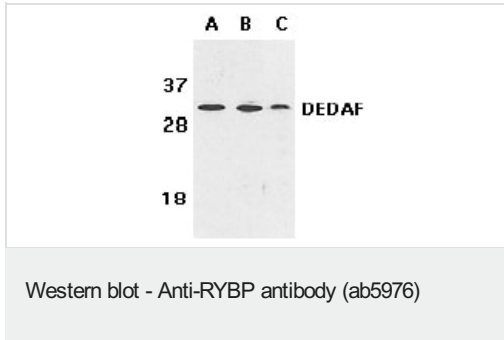
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アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	Use a concentration of 0.5 - 1 µg/ml. Detects a band of approximately 32 kDa. Can be blocked with <b>DEDAF peptide (human)</b> .
IHC-P		Use a concentration of 5 - 10 µg/ml.
ICC/IF	★★★★★ (1)	Use a concentration of 1 - 20 µg/ml.

## ターゲット情報

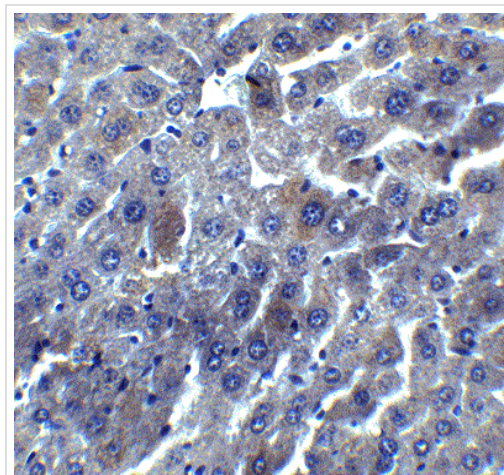
機能	May be implicated in the regulation of the transcription as a repressor of the transcriptional activity of E4TF1. In tumor cell lines, may induce apoptosis.
組織特異性	Widely expressed with highest levels in lymphoid tissues and placenta.
配列類似性	Contains 1 RanBP2-type zinc finger.
細胞内局在	Nucleus. Cytoplasm. Primarily found in the nucleus.

## 画像



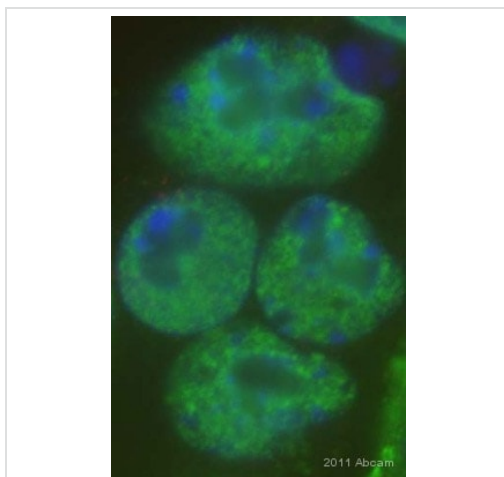
Western blot analysis of DEDAF expression in human A549 (lane A), HepG2 (lane B), and mouse 3T3 (lane C) cell lysates with ab5976 at 1  $\mu\text{g}/\text{ml}$ .

Western blot analysis of DEDAF expression in human A549 (lane A), HepG2 (lane B), and mouse 3T3 (lane C) cell lysates with ab5976 at 1  $\mu\text{g}/\text{ml}$ .



Immunohistochemistry of DEDAF in mouse liver tissue with DEDAF antibody at 5  $\mu\text{g}/\text{ml}$ .

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RYBP antibody (ab5976)



ab5976 staining RYBP in Mouse embryonic stem cells by ICC/IF (Immunocytochemistry/immunofluorescence). Cells were fixed with paraformaldehyde, permeabilized with Triton 0.5% and blocked with 1% milk for 30 minutes at 22°C. Samples were incubated with primary antibody (1/1000) for 1 hour at 22°C. An Alexa Fluor®488-conjugated Goat anti-rabbit IgG (H+L) polyclonal (1/400) was used as the secondary antibody.

Immunocytochemistry/ Immunofluorescence - Anti-RYBP antibody (ab5976)

This image is courtesy of an Abreview submitted by Dr. Ligia Tavares

Immunocytochemistry/ Immunofluorescence - Anti-RYBP antibody (ab5976)

Immunofluorescence of DEDAF in A549 cells using ab5976 at 20 ug/ml.

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