BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-DEDAF RYBP Antibody

Catalog Number: A04316

About RYBP

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/capase-8 complexes at the cell membrane, and interacts with DED-containing DNA biding protein (DEDD) in the nucleus indicating it is involved in the regulation of both cytoplasmic and nuclear events of apoptosis.

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Overview

Product Name	Anti-DEDAF RYBP Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-DEDAF RYBP Antibody (Catalog # A04316). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	DEDAF Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	DEDAF antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q8N488

Technical Details

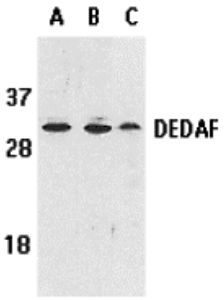
Immunogen	DEDAF antibody was raised against a 14 amino acid peptide near the carboxy terminus of human DEDAF. The immunogen is located within the last 50 amino acids of DEDAF.
Predicted Reactive Species	Bovine

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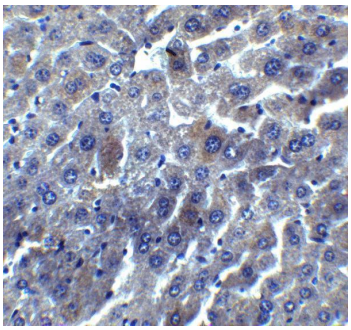
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	DEDAF Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	DEDAF can be used for detection of DEDAF by Western blot at 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human and mouse samples; Immunohistochemistry in mouse samples and Immunofluorescence in human and mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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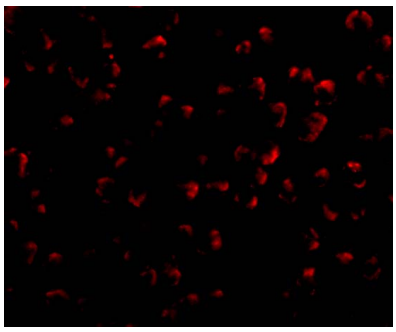
Anti-DEDAF RYBP Antibody (A04316) Images



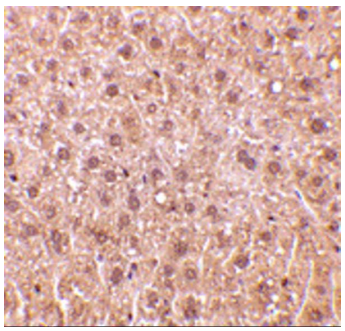
Western blot analysis of DEDAF expression in human A549 (lane A), HepG2 (lane B), and mouse 3T3 (lane C) cell lysates with DEDAF antibody at 1 ug/ml.



Immunohistochemistry of DEDAF in mouse liver tissue with DEDAF antibody at 5 ug/mL.



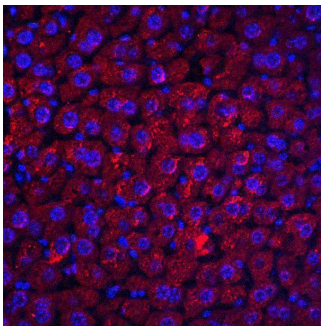
Immunofluorescence of DEDAF in A549 cells with DEDAF antibody at 20 ug/mL.



Immunohistochemistry of DEDAF in mouse liver tissue with DEDAF antibody at 10 ug/mL.

Immunofluorescence of DEDAF in mouse liver tissue with DEDAF antibody at 20 ug/ml.

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For Research Use Only. Not for use in diagnostic procedures.