

Datasheet for 600-401-Z58**BFAR Antibody****Overview**

Description:	Anti-BFAR (RABBIT) Antibody - 600-401-Z58
Item No.:	600-401-Z58
Size:	100 µg
Applications:	ELISA, IF, IHC, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	The bifunctional apoptosis inhibitor (BFAR) is scaffold protein that integrates signaling components of the cells apoptosis-regulatory machinery. BFAR is a multidomain protein capable of inhibiting apoptosis induced by TNF-family death receptors ('extrinsic pathway') as well as mitochondria-dependent apoptosis ('intrinsic pathway'). Interaction of BFAR with Bcl-2 or Bcl-XL via a SAM domain may contribute to the anti-apoptotic properties of BFAR. In addition, BFAR contains a DED-like domain that is capable of suppressing apoptosis mediated at the receptor level. BFAR is also thought to be involved in the regulation of neuronal survival.
Synonyms:	BFAR Antibody, BAR, RNF47, BAR, Bifunctional apoptosis regulator, RING finger protein 47
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	BFAR
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-BFAR antibody was prepared from whole rabbit serum produced by repeated immunizations with a 14 amino acid synthetic peptide near the C-terminus of human BFAR.

Purity/Specificity: Anti-BFAR Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Cross reactivity with BFAR from other sources has not been determined.

Relevant Links:

- [UniProtKB - Q9NZS9](#)
- [GeneID - 51283](#)
- [NCBI - NP_057645](#)

Application Details

Tested Applications: ELISA, IF, IHC, WB

Application Note: Anti-BFAR Antibody has been tested for use in ELISA, Western Blotting, Immunohistochemistry and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 53 kDa in Western Blots of specific cell lysates and tissues.

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

ELISA: 1:10,000 - 1:20,000

IF: 20 µg/mL

IHC: 5 µg/mL

WB: 1 - 2 µg/mL

Formulation

Physical State: Liquid (sterile filtered)

Concentration: 1 mg/mL by UV absorbance at 280 nm

Buffer: 0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2

Preservative: 0.02% (w/v) Sodium Azide

Stabilizer: None

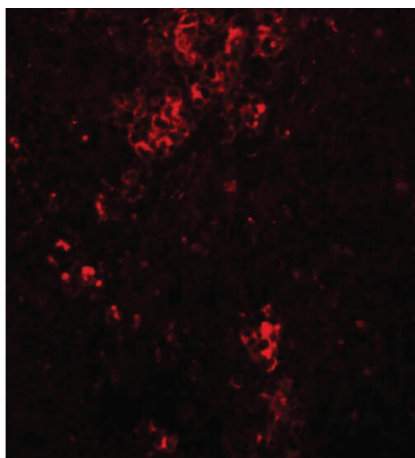
Shipping & Handling

Shipping Condition: Dry Ice

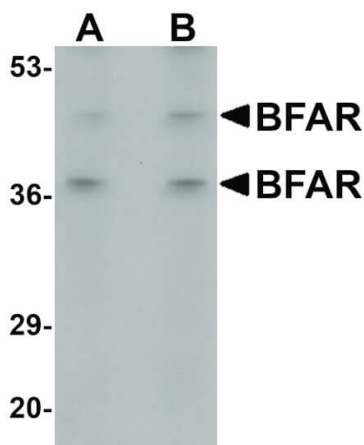
Storage Condition: Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiration:

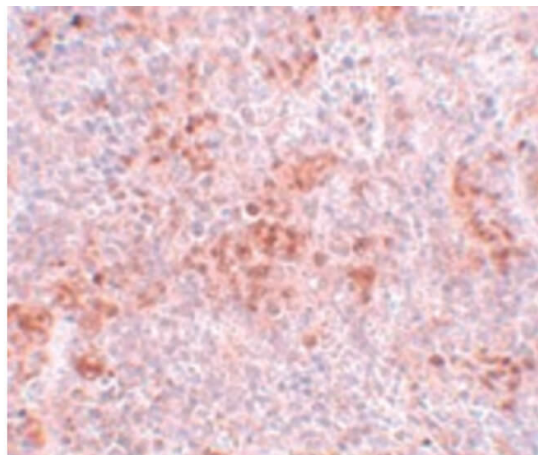
Expiration date is one (1) year from date of receipt.

Images**Immunofluorescence Microscopy**

Immunofluorescence Microscopy of BFAR antibody. Tissue: Mouse kidney tissue. Fixation: 0.5% PFA. Antigen retrieval: not required. Primary antibody: BFAR antibody at 20 µg/mL for 1 h at RT. Secondary antibody: Fluorescein rabbit secondary antibody at 1:10,000 for 45 min at RT. Localization: BFAR is a membrane protein. Staining: BFAR as red fluorescent signal.

**Western Blot**

Western Blot of BFAR antibody. Lane 1: Human kidney tissue lysate with BFAR antibody at 1 µg/mL. Lane 2: Human kidney tissue lysate with BFAR antibody at 2 µg/mL. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: 53 kDa, 37 kDa for BFAR. Other .band(s): BFAR splice variants and isoforms.

**Immunohistochemistry**

Immunohistochemistry of BFAR antibody. Tissue: Mouse kidney tissue. Fixation: formalin fixed paraffin embedded. Antigen retrieval: not required. Primary antibody: BFAR antibody at 5 µg/mL for 1 h at RT. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Localization: BFAR is a membrane protein. Staining: BFAR as precipitated brown signal with blue nuclear counterstain.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.