

Rabbit anti-Human BFAR Polyclonal Antibody | anti-BFAR antibody

Polyclonal Antibody to BFAR (BAR)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78313	Rabbit	Human	Western Blot, Immunohistochemistry, Immunoprecipitation

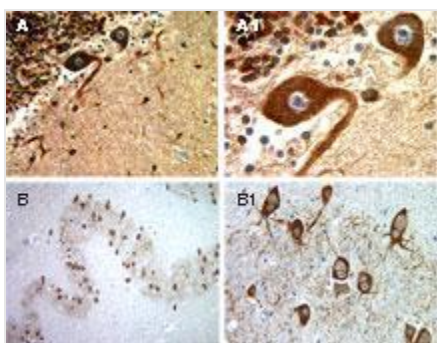
PRODUCT SYNONYMS

BFAR; Polyclonal Antibody; Polyclonal Antibody to BFAR (BAR); BAR; RNF47; Beta-2 adrenoceptor; Antibody to BFAR (BAR); Anti-BFAR (BAR) Antibody; BFAR (BAR) Antibody; anti-BFAR antibody

PRODUCT SPECIFICATIONS

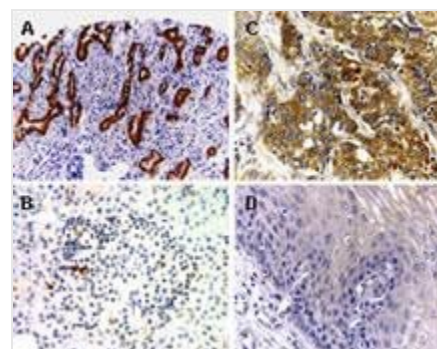
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Serum
Form/Format	50 ul sera
Sequence Length	450
Applicable Applications for anti-BFAR antibody	WB (Western Blot), IHC (Immunohistochemistry), IP (Immunoprecipitation)
Immunogen Information	A recombinant protein of human BFAR (BAR) (amino acids 1-139) was used as immunogen for this antibody
Antigen	BFAR (BAR)
Preparation and Storage	Store the antibody at 4 degree C, stable for 6 months. For long-term storage, store at -20 degree C. Avoid repeated freeze and thaw cycles.

IMAGES



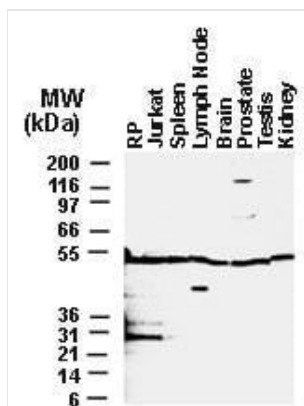
IHC (Immunohistochemistry)

Fig: 3 Formalin-fixed, paraffin-embedded tissue sections of normal human brain stained for BAR expression using at 1: 2000. A, A1: Cerebellum. B, B1: Medulla. A1 and B1 are higher magnifications of A and B, respectively.



IHC (Immunohistochemistry)

Fig: 2 Formalin-fixed, paraffin-embedded sections of tumor and normal human tissues stained for BAR expression using at 1: 2000. A. Pancreatic cancer. B. Normal pancreas. C. Esophageal cancer. D. Normal esophagus. Increased expression of BAR was detected in the tumor, compared to normal tissues. Hematoxylin-eosin counterstain.



WB (Western Blot)

Fig: 1 Western blot analysis of BAR in cell lines and tissues. 25 ug of total protein was loaded per lane. BAR Recombinant protein (RP) was used as a positive control.

ADDITIONAL INFORMATION

Related Product Information for anti-BFAR antibody	BAR (bifunctional apoptosis regulator) is a multidomain protein that was originally identified as an inhibitor of Bax-induced apoptosis. BAR is anchored in intracellular membranes and is thought to be a scaffold protein that may bridge components of both extrinsic and intrinsic apoptosis pathways through its antiapoptotic domains: 1. BAR contains a DED (death effector domain)-like protein interaction domain that suppresses death receptor apoptosis signaling pathways. BAR is highly expressed in the brain and expression patterns as well as functional data with neuronal cell lines suggest that BAR is involved in regulating neuronal survival. Additionally, subcellular localization studies indicate that BAR predominantly localizes to the endoplasmic reticulum (ER), irrespective of cell type. Bcl-2 family proteins also localize to the ER. There is important crosstalk between the ER and mitochondria in the execution of cell death. It is thought that both BAR and Bcl-2 proteins play a role in regulating cell death/apoptosis induced by ER stress. Dysregulation of ER homeostasis and apoptosis is thought to be involved in the pathogenesis of some human neuronal diseases, including Alzheimers, Parkinsons, polyglutamine diseases, nueronal storage diseases, prion diseases, as well as acute neurodegeration from brain trauma. Since BAR is normally widely expressed in the brain, it may have a cytoprotective function in helping neurons to survive for the entire lifetime of the organism by playing a central role in inhibiting ER initiated apoptosis.
Product Categories/Family for anti-BFAR antibody	Antibodies; Apoptosis

NCBI AND UNIPROT INFORMATION

NCBI GI #	74753089
NCBI GeneID	51283
UniProt Accession #	Q9NZS9 ; A8K4Z9 ; B4DUT0 ; D3DUG8
Molecular Weight	38,652 Da
NCBI Official Full Name	Bifunctional apoptosis regulator
NCBI Official Synonym Full Names	bifunctional apoptosis regulator
NCBI Official Symbol	BFAR
NCBI Official Synonym Symbols	BAR; RNF47
NCBI Protein Information	bifunctional apoptosis regulator
UniProt Protein Name	Bifunctional apoptosis regulator
UniProt Gene Name	BFAR
UniProt Synonym Gene Names	BAR; RNF47

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/bfar-antibody-western-blot-immunohistochemistry-immunoprecipitation-elisa/78313>