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Bfar antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI12239

Product Information

Application	WB
Primary Accession	Q8R079
Other Accession	NM_025976, NP_080252
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Chicken, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52968

Additional Information

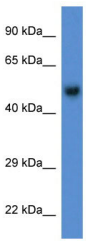
Gene ID	67118
Alias Symbol	3010001A07Rik, AI666707, AW107665, BAR, RNF47, Bar, Rnf47
Other Names	Bifunctional apoptosis regulator, Bfar
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Bfar antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Bfar antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Bfar
Function	Membrane-bound E3 ubiquitin ligase that plays a role in several processes including apoptosis regulation or reticulum endoplasmic stress. Has anti-apoptotic activity, both for apoptosis triggered via death-receptors and via mitochondrial factors. Contributes to the dynamic control of IRE1/ERN1 signaling during ER stress by inducing BAX inhibitor 1/TMBIM6 proteasomal degradation. Promotes the activation of TGF-beta signaling by mediating the 'Lys- 63'-linked ubiquitination of TGFBR1 which is critical to activate the pathway. Together with NGFR, negatively regulates NF-kappa-B and JNK-related signaling pathways (By similarity). Promotes the proteasome-mediated degradation of PNPLA3, a protein involveld in lipid metabolism (PubMed:38294943).

Cellular Location	Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:Q9NZS9}; Multi-pass membrane protein {ECO:0000250|UniProtKB:Q9NZS9}

Images



WB Suggested Anti-Bfar Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Brain

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.