

Rabbit BTRC Polyclonal Antibody | anti-BTRC antibody

BTRC Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286363	Rabbit	Human (Predicted Reactivity: Mouse)	Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

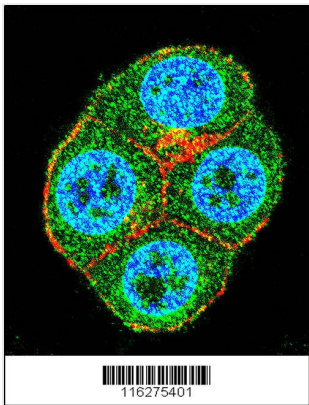
PRODUCT SYNONYMS

BTRC; Polyclonal Antibody; BTRC Antibody (N-term); F-box/WD repeat-containing protein 1A; E3RSIkappaB; Epididymis tissue protein Li 2a; F-box and WD repeats protein beta-TrCP; plkappaBalph-E3 receptor subunit; BTRCP; FBW1A; FBXW1A; anti-BTRC antibody

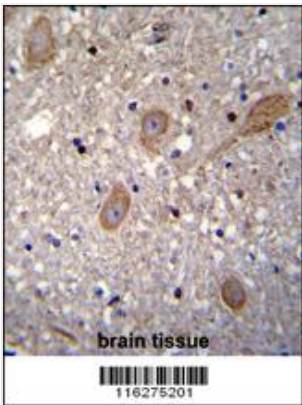
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This BTRC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 17-52 amino acids from the N-terminal region of human BTRC.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.28 (varies by lot)
Sequence Positions	17-52
Sequence Length	569
Applicable Applications for anti-BTRC antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

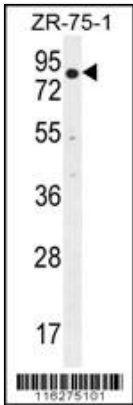
IMAGES



IF (Immunofluorescence)
Confocal immunofluorescent analysis of BTRC Antibody (N-term) with ZR-75-1 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)
BTRC Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of BTRC Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
BTRC Antibody (N-term) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the BTRC antibody detected the BTRC protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-BTRC antibody	This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbws class; in addition to an F-box, this protein contains multiple WD-40 repeats. This protein is homologous to Xenopus bTrCP1, yeast Met30, Neurospora Scon2 and Drosophila Slimb proteins. It interacts with HIV-1 Vpu and connects CD4 to the proteolytic machinery. It also associates specifically with phosphorylated I κ B α and beta-catenin destruction motifs, probably functioning in multiple transcriptional programs by activating the NF- κ B pathway and inhibiting the beta-catenin pathway.
Product Categories/Family for anti-BTRC antibody	Cell Biology; Microbiology; Signal Transduction
References	Popov, N., et al. Nat. Cell Biol. 12(10):973-981(2010) Inuzuka, H., et al. Cancer Cell 18(2):147-159(2010) Guderian, G., et al. J. Cell. Sci. 123 (PT 13), 2163-2169 (2010) : Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Tsai, W.B., et al. PLoS ONE 5 (7), E11171 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502477
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NCBI GeneID	8945
NCBI Accession #	NP_003930.1; NP_378663.1
NCBI GenBank Nucleotide #	NM_003939.4
UniProt Accession #	Q9Y297; Q5W141; Q5W142; Q9Y213; B5MD49
Molecular Weight	68867
NCBI Official Full Name	F-box/WD repeat-containing protein 1A isoform 2
NCBI Official Synonym Full Names	beta-transducin repeat containing E3 ubiquitin protein ligase
NCBI Official Symbol	BTRC
NCBI Official Synonym Symbols	FWD1; FBW1A; FBXW1; bTrCP; FBXW1A; bTrCP1; betaTrCP; BETA-TRCP
NCBI Protein Information	F-box/WD repeat-containing protein 1A
UniProt Protein Name	F-box/WD repeat-containing protein 1A
UniProt Gene Name	BTRC
UniProt Synonym Gene Names	BTRCP; FBW1A; FBXW1A
UniProt Entry Name	FBW1A_HUMAN

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/btrc-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/286363>