

Rabbit BTRC Polyclonal Antibody | anti-BTRC antibody

BTRC Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA37056	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

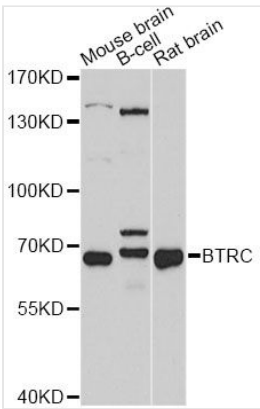
PRODUCT SYNONYMS

BTRC; Polyclonal Antibody; BTRC Polyclonal Antibody; BETA-TRCP; FBW1A; FBXW1; FBXW1A; FWD1; MGC4643; bTrCP; bTrCP1; betaTrCP; anti-BTRC antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	605
Applicable Applications for anti-BTRC antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human BTRC
Calculated Molecular Weight	69kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using BTRC antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-BTRC antibody	beta-transducin repeat-containing protein (beta-TrCP or FBW1A) is an F-box family protein characterized by the presence of the protein-protein mediating F-box domain first described in cyclin F. F-box proteins act as substrate adaptors that target proteins containing a specific phosphorylated sequence element, referred to as a phosphodegron, to the SCF E3 ubiquitin ligase complex for ubiquitination (1,2). beta-TrCP targets many important proteins with diverse functions, such as p53, H-Ras, Smad4, IkappaBalpha, beta-catenin, and the cell cycle checkpoint protein claspins, for ubiquitin-mediated degradation (3-5). Research studies have shown that inhibition of beta-TrCP expression has a demonstrated benefit in the treatment of prostate cancer (6).
Product Categories/Family for anti-BTRC antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	13124271
NCBI GeneID	8945
UniProt Accession #	Q9Y297; Q5W141; Q5W142; Q9Y213; B5MD49
Molecular Weight	605
NCBI Official Full Name	F-box/WD repeat-containing protein 1A
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; beta-TrCP1; E3RSIkappaB; F-box and WD-repeat protein 1B; epididymis tissue protein Li 2a; plkappaBalph-E3 receptor subunit; F-box and WD repeats protein beta-TrCP
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/btrc-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/37056>