

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

BTRC Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233151	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

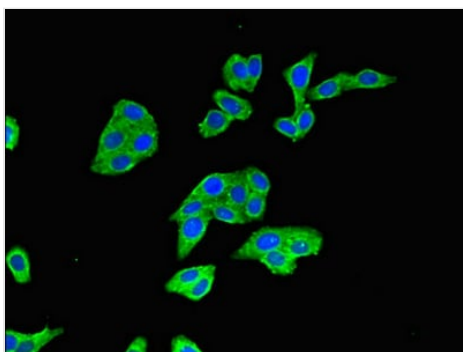
PRODUCT SYNONYMS

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

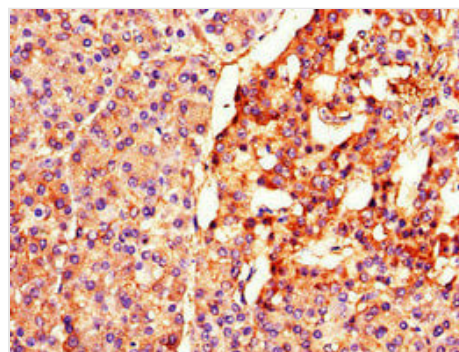
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	569
Applicable Applications for anti-BTRC antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human F-box/WD repeat-containing protein 1A protein (397-448AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-15354 / sc-33213 / sc-8862 / sc-8863
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

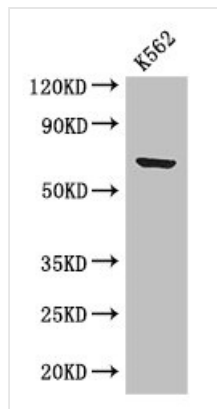
IMAGES


IHC (Immunohistochemistry)

Immunofluorescent analysis of HepG2 cells using AAA233151 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human pancreatic tissue using AAA233151 at dilution of 1:100



WB (Western Blot)

Western BlotPositive WB detected in:K562 whole cell lysateAll lanes: BTRC antibody at 2.8ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 69,66 kDaObserved band size: 69 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-BTRC antibody	Substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Recognizes and binds to phosphorylated target proteins. SCF(BTRC) mediates the ubiquitination of CTNNB1 and participates in Wnt signaling. SCF(BTRC) mediates the ubiquitination of NFKBIA, NFKBIB and NFKBIE; the degradation frees the associated NFKB1 to translocate into the nucleus and to activate transcription. Ubiquitination of NFKBIA occurs at 'Lys-21' and 'Lys-22'. SCF(BTRC) mediates the ubiquitination of CEP68; this is required for centriole separation during mitosis (PubMed: 25704143, PubMed: 25503564). SCF(BTRC) mediates the ubiquitination of phosphorylated NFKB1/nuclear factor NF-kappa-B p105 subunit, ATF4, CDC25A, DLG1, FBXO5, PER1, SMAD3, SMAD4, SNAI1 and probably NFKB2. Has an essential role in the control of the clock-dependent transcription via degradation of phosphorylated PER1 and PER2. May be involved in ubiquitination and subsequent proteasomal degradation through a DBB1-CUL4 E3 ubiquitin-protein ligase. Required for activation of NFKB-mediated transcription by IL1B, MAP3K14, MAP3K1, IKKBK and TNF. Required for proteolytic processing of GLI3.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502477
NCBI GeneID	8945
NCBI Accession #	NP_003930.1
NCBI GenBank Nucleotide #	NM_003939.4
UniProt Accession #	Q9Y297; Q5W141; Q5W142; Q9Y213; B5MD49
Molecular Weight	65,049 Da
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/233151>