

Rabbit anti-Human beta-TrCP/BTRC Monoclonal Antibody | anti-BTRC antibody

beta-TrCP/BTRC Rabbit mAb

CATALOG # AAA282913	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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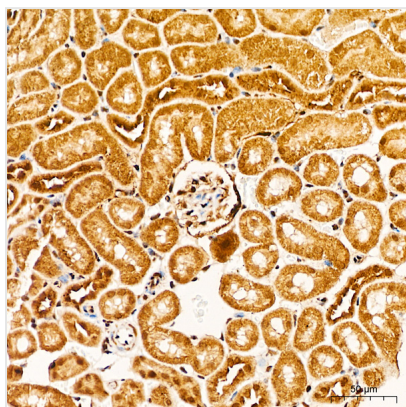
PRODUCT SYNONYMS

beta-TrCP/BTRC; Monoclonal Antibody; beta-TrCP/BTRC Rabbit mAb; FWD1; FBW1A; FBXW1; bTrCP; FBXW1A; bTrCP1; betaTrCP; BETA-TRCP; anti-BTRC antibody

PRODUCT SPECIFICATIONS

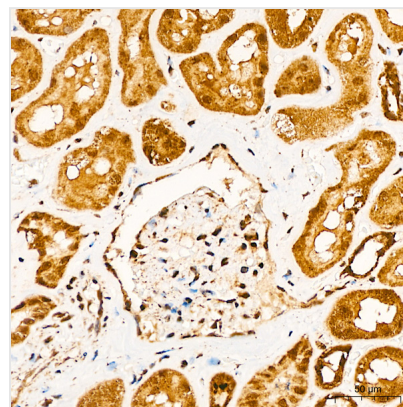
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MDPAEAVLQE KALKFMCSMP RSLWLGCSL ADSMPSLRCL YNPGTGALTA FQNSSEREDC NNGEPPrKII PEKNSLRQTY NSCARLCLNQ ETVCLASTAM
Applicable Applications for anti-BTRC antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human beta-TrCP/BTRC (NP_378663.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



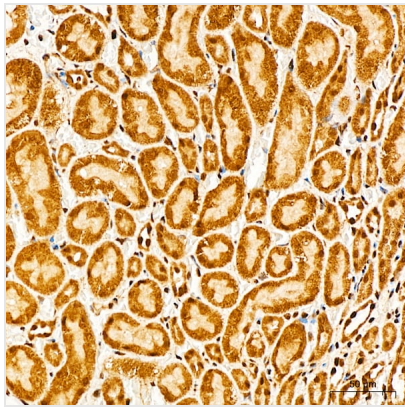
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse kidney tissue using ?-TrCP/BTRC Rabbit mAb (AAA282913) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



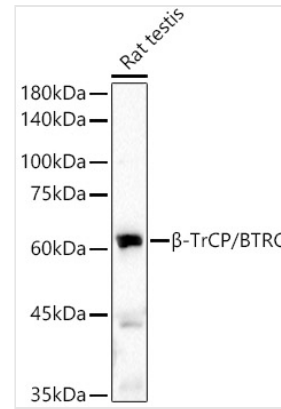
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human kidney tissue using ?-TrCP/BTRC Rabbit mAb (AAA282913) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



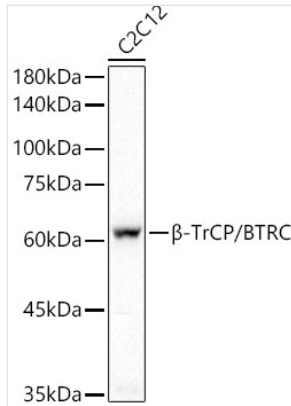
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat kidney tissue using β -TrCP/BTRC Rabbit mAb (AAA282913) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of lysates from Rat testis, using β -TrCP/BTRC Rabbit mAb (AAA282913) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



WB (Western Blot)

Western blot analysis of lysates from C2C12 cells, using β -TrCP/BTRC Rabbit mAb (AAA282913) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

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. The encoded protein mediates degradation of CD4 via its interaction with HIV-1 Vpu. It has also been shown to ubiquitinate phosphorylated NF- κ B (nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha), targeting it for degradation and thus activating nuclear factor kappa-B. Alternatively spliced transcript variants have been described. A related pseudogene exists in chromosome 6.

Product Categories/Family for anti-BTRC antibody

Signal Transduction; Cell Biology Developmental Biology; Cell Cycle; Centrosome; Ubiquitin; Ubiquitin-Proteasome Signaling Pathway; Wnt ---Catenin Signaling Pathway; Immunology Inflammation; NF- κ B Signaling Pathway; Neuroscience; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	13124271
NCBI GeneID	8945
UniProt Accession #	Q9Y297; Q5W141; Q5W142; Q9Y213; B5MD49

Molecular Weight	Calculated MW: 69kDa Observed MW: 62kDa
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/monoclonal/beta-trcp-btrc-antibody-immunohistochemistry-western-blot-elisa/282913>