

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

Anti-BTRC Antibody, Rabbit Polyclonal

CATALOG # AAA256956	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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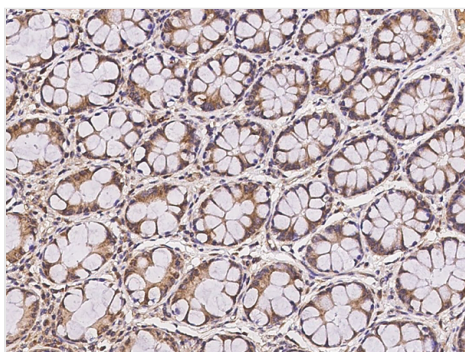
PRODUCT SYNONYMS

BTRC; Polyclonal Antibody; Anti-BTRC Antibody; Rabbit Polyclonal; BTRC Antibody; Rabbit PAb; Antigen Affinity Purified; beta-transducin repeat containing E3 ubiquitin protein ligase; Anti-BETA-TRCP Antibody; Anti-betaTrCP Antibody; Anti-bTrCP Antibody; Anti-bTrCP1 Antibody; Anti-FBW1A Antibody; Anti-FBXW1 Antibody; Anti-FBXW1A Antibody; Anti-FWD1 Antibody; anti-BTRC antibody

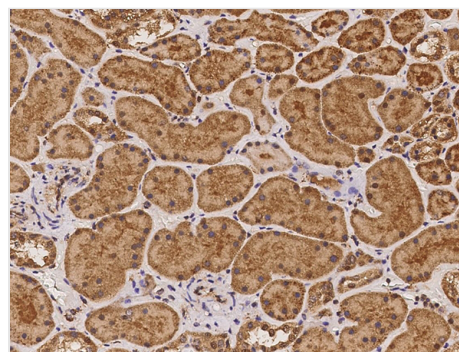
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human BTRC
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-BTRC antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human BTRC fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human BTRC fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunochemical staining of human BTRC in human rectum with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.


IHC (Immunohistochemistry)

Immunochemical staining of human BTRC in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-BTRC antibody	The BTRC gene (beta-transducin repeat-containing protein) is a human homolog of Slimb that is located at 10q24.3, a chromosome region frequently deleted in medulloblastomas. PAQR3 forms a complex with Twist1 and BTRC, an E3 ubiquitin ligase. PAQR3 enhances the interaction between Twist1 and BTRC. Twist1 is mobilized from the nucleus to a proteasome-containing structure in the cytoplasm upon overexpression of PAQR3 and BTRC, which is required for PAQR3-induced degradation of Twist1. The Twist1 box domain of the Twist1 protein is required for the interaction of Twist1 with both PAQR3 and BTRC, indispensable for PAQR3-mediated degradation of Twist1. Circular RNA FAM169A (circ-FAM169A) promotes IDD development via miR-583/BTRC signaling. The finding provides a potential therapeutic option for the treatment of intervertebral disc degeneration (IDD).
References	Wolter M, et al. (2003) Absence of detectable alterations in the putative tumor suppressor gene btrc in cerebellar medulloblastomas and cutaneous basal cell carcinomas. Acta Neuropathol 106 (4): 287-290. Guo W, et al. (2020) The circular rna fam169a functions as a competitive endogenous rna and regulates intervertebral disc degeneration by targeting mir-583 and btrc. Cell Death Dis 11 (5): 315. Guo W, et al. (2016) Paqr3 enhances twist1 degradation to suppress epithelial-mesenchymal transition and metastasis of gastric cancer cells. Carcinogenesis 37 (4): 397-407.

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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