

DNAxPAb

Hard-to-Find
Antibody

BTRC DNAxPab

Catalog # H00008945-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human BTRC DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MDPAEAVLQEKALKFMCSMPRSLWLGSSLADSMPSLRCLYNPGTGALTAFQNSSEREDCNN GEPPRKIIPEKNSLRQTYNSCARLCLNQETVCLASTAMKTENCVAKTKLANGTSSMVPKQRKLSA SYEKEKELCVKYFEQWSESDQVEFVEHLISQMCHYQHGHSYLPMLQRDFITALPARGLDHIAE NILSYLDAKSLCAAELVCKEWYRVTS DGMLWKKLIERMVRTDSLWRGLAERRGWGQYLFKNKPP DGNAPPNSFYRALYPKIIQDIETIESNWRCGRHSLQRIHCRSETSKGVYCLQYDDQKIVSGLRDNTIKI WDKNTLECKRILTGHTGSVLCCLQYDERVIITGSSDSTVRVWDVNTGEMLNTLIHHCEAVLHLRFNN GMMVTC SKDRSIAVWDMASPTDITLRRVLVGHRAAVNVVDFDDKYIVSASGDRTIKVWNTSTCEF VRTLNHGKRGIAQLQYRDRLVVGSSDNTIRLWDIECGACLRVLEGHEELVRCIRFDNKRIVSGAY DGKIKVWDLVAALDPRAPAGTLCLRTLVEHSGRVFRLQFDEFQVSSSHDDTILWDFLNDPAAQA EPPRSPSRITYISR
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — BTRC

Entrez GeneID [8945](#)

GeneBank Accession# [BC027994.1](#)

Protein Accession# [AAH27994.1](#)

Gene Name BTRC

Gene Alias BETA-TRCP, FBW1A, FBXW1, FBXW1A, FWD1, MGC4643, bTrCP, bTrCP1, betaTrCP

Gene Description beta-transducin repeat containing

Omim ID [603482](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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 Fbw s 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. [provided by RefSeq]

Other Designations OTTHUMP00000020314|OTTHUMP00000020315|beta-TrCP1|beta-transducin repeat containing protein

Pathway

- [Hedgehog signaling pathway](#)

- [Ubiquitin mediated proteolysis](#)
- [Wnt signaling pathway](#)

Disease

- [Alzheimer Disease](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Liver Neoplasms](#)
- [Stomach Neoplasms](#)
- [Tobacco Use Disorder](#)