

Btrc antibody - C-terminal region (ARP42160_P050)

Data Sheet

Product Number	ARP42160_P050
Product Name	Btrc antibody - C-terminal region (ARP42160_P050)
Size	50ug
Gene Symbol	Btrc
Alias Symbols	Beta-Trcp1; FWD1; Fbw1a; KIAA4123; Slimb; b-TrCP; beta-TrCP; mKIAA4123; HOS
Nucleotide Accession#	NM_001037758
Protein Size (# AA)	605 amino acids
Molecular Weight	69kDa
Product Format	Lyophilized powder
NCBI Gene Id	12234
Host	Rabbit
Clonality	Polyclonal
Official Gene Full Name	Beta-transducin repeat containing protein
Gene Family	FBXW
Description	This is a rabbit polyclonal antibody against Btrc. It was validated on Western Blot by Aviva Systems Biology. At Aviva Systems Biology we manufacture rabbit polyclonal antibodies on a large scale (200-1000 products/month) of high throughput manner. Our antibodies are peptide based and protein family oriented. We usually provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire ().
Peptide Sequence	Synthetic peptide located within the following region: LVEHSGRVFRLQFDEFQVSSSHDDTLWDFLNDPAAHAEPSPSRTY
Description of Target	Btrc is a 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. It 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 phosphorylated NFKB1/nuclear factor NF-kappa-B p105 subunit, ATF4, SMAD3, SMAD4, CDC25A, DLG1, FBXO5 and probably NFKB2. SCF(BTRC) mediates the ubiquitination of phosphorylated SNAI1.
Reconstitution and Storage	Add 50 ul of distilled water. Final anti-Btrc antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20C. Avoid repeat freeze-thaw cycles.
Lead Time	Domestic: within 24 hours delivery International: 3-5 business days
Blocking Peptide	For anti-Btrc antibody is Catalog # AAP42160 (Previous Catalog # AAPS11909)
Swissprot Id	Q3ULA2
Protein Name	F-box/WD repeat-containing protein 1A
Protein Accession #	NP_001032847
Purification	Affinity Purified
Species Reactivity	Bovine, Human, Dog, Pig, Rabbit, Guinea pig, Horse, Mouse, Rat
Application	WB
Predicted Homology Based on Immunogen Sequence	Dog: 100%; Pig: 100%; Human: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Horse: 93%; Mouse: 93%; Rat: 86%

Mouse Pancreas



Image 1



**WB Suggested Anti-Btrc Antibody
Titration: 1.0 ug/ml
Positive Control: Mouse Pancreas**

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.