

# Btrc antibody - C-terminal region (ARP42160\_P050)

## Data Sheet

<b>Product Number</b>	ARP42160_P050
<b>Product Name</b>	Btrc antibody - C-terminal region (ARP42160_P050)
<b>Size</b>	50ug
<b>Gene Symbol</b>	<a href="#">Btrc</a>
<b>Alias Symbols</b>	Beta-Trcp1; FWD1; Fbw1a; KIAA4123; Slimb; b-TrCP; beta-TrCP; mKIAA4123; HOS
<b>Nucleotide Accession#</b>	<a href="#">NM_001037758</a>
<b>Protein Size (# AA)</b>	605 amino acids
<b>Molecular Weight</b>	69kDa
<b>Product Format</b>	Lyophilized powder
<b>NCBI Gene Id</b>	12234
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Official Gene Full Name</b>	Beta-transducin repeat containing protein
<b>Gene Family</b>	FBXW
<b>Description</b>	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 ().
<b>Peptide Sequence</b>	Synthetic peptide located within the following region: <a href="#">LVEHSGRVFRLQFDEFQMVSSSHDDTILWDFLNDPAAHAEPSPSRTY</a>
<b>Description of Target</b>	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.
<b>Reconstitution and Storage</b>	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.
<b>Lead Time</b>	Domestic: within 24 hours delivery International: 3-5 business days
<b>Blocking Peptide</b>	For anti-Btrc antibody is Catalog # AAP42160 (Previous Catalog # AAPS11909)
<b>Swissprot Id</b>	<a href="#">Q3ULA2</a>
<b>Protein Name</b>	F-box/WD repeat-containing protein 1A
<b>Protein Accession #</b>	<a href="#">NP_001032847</a>
<b>Purification</b>	Affinity Purified
<b>Species Reactivity</b>	Bovine, Human, Dog, Pig, Rabbit, Guinea pig, Horse, Mouse, Rat
<b>Application</b>	WB
<b>Predicted Homology Based on Immunogen Sequence</b>	Dog: 100%; Pig: 100%; Human: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Horse: 93%; Mouse: 93%; Rat: 86%
	<p><b>Mouse Pancreas</b></p>  <p style="text-align: center;">90 kDa</p>

**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.