

## CAB21951

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### Product Information

<b>Product SKU:</b>	CAB21951	<b>Gene ID:</b>	8945	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	ARC51997	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat

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### Additional Information

<b>Observed MW:</b>	62kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	69kDa	<b>Isotype:</b>	IgG

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### Immunogen Information

**Background:** 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 NFKBIA (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.

**Recommended Dilution:** WB,1:500 - 1:1000 IHC-P,1:50 - 1:200

**Synonyms:** FWD1; FBW1A; FBXW1; bTrCP; FBXW1A; bTrCP1; betaTrCP; BETA-TRCP; β-TrCP/BTRC

**Purification Method:** Affinity purification

**Immunogen:** A synthetic peptide corresponding to a sequence within amino acids 1-100 of human β-TrCP/BTRC (NP\_378663.1).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

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