

For Research Use Only

# Beta TRCP Polyclonal antibody

Catalog Number: 13331-1-AP



## Basic Information

<b>Catalog Number:</b> 13331-1-AP	<b>GenBank Accession Number:</b> BC027994	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 373 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 8945	
<b>Source:</b> Rabbit	<b>Full Name:</b> beta-transducin repeat containing	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 605 aa, 69 kDa	
<b>Immunogen Catalog Number:</b> AG4139		

## Applications

**Tested Applications:**  
ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

BTRC, also named as BTRCP, FBW1A and FBXW1A, is an F-box family protein. It 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. BTRC targets many important proteins with diverse functions, such as p53, HRAS, NF-kappa-B p105 subunit, ATF4, SMAD3, SMAD4, CDC25A, DLG1, FBXO5 and the cell cycle checkpoint protein claspin, for ubiquitin-mediated degradation. It is required for activation of NFkB-mediated transcription by IL1B, MAP3K14, MAP3K1, IKKKB and TNF. Required for proteolytic processing of GLI3.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

**\*\*\* 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:  
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## Selected Validation Data