

Beta TRCP Polyclonal antibody

Catalog Number: 13331-1-AP

Basic Information

Catalog Number:

13331-1-AP

Size:

370 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4139

GenBank Accession Number:

BC027994

GeneID (NCBI):

8945

UNIPROT ID:

Q9Y297

Full Name:

beta-transducin repeat containing

Calculated MW:

605 aa, 69 kDa

Purification Method:

Antigen affinity purification

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

For technical support and original validation data for this product please contact:

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