

## BTRC

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:10 - 1:100

**Calculated MW:**69kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human BTRC

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

dmpt

**Synonym:**

BETA-TRCP; FBW1A; FBXW1; FBXW1A; FWD1; MGC4643; bTrCP; bTrCP1; betaTrCP;

**Catalog #:**A1656

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**8945

**Isotype:**IgG

**Swiss Prot:**Q9Y297

**Purity:**Affinity purification

For research use only.

**Background:**

-transducin repeat-containing protein (-TrCP or FBW1A) is an F-box family protein characterized by the presence of the protein-protein mediating F-box domain first described in cyclin F. F-box proteins act as substrate adaptors that target proteins containing a specific phosphorylated sequence element, referred to as a phosphodegron, to the SCF E3 ubiquitin ligase complex for ubiquitination (1,2). -TrCP targets many important proteins with diverse functions, such as p53, H-Ras, Smad4, IB, -catenin, and the cell cycle checkpoint protein claspin, for ubiquitin-mediated degradation (3-5). Research studies have shown that inhibition of -TrCP expression has a demonstrated benefit in the treatment of prostate cancer (6).

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