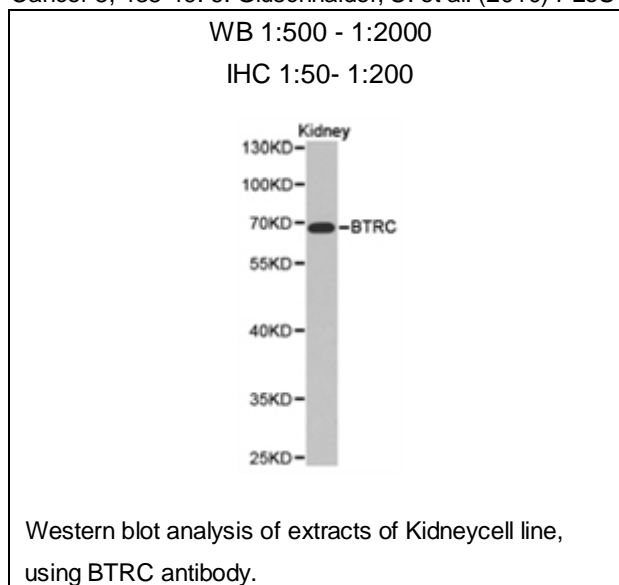




BTRC Polyclonal Antibody

E91656

- Catalog Number:** E91656
Amount: 100ul
Background: β -transducin repeat-containing protein (β -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). β -TrCP targets many important proteins with diverse functions, such as p53, H-Ras, Smad4, I κ B α , β -catenin, and the cell cycle checkpoint protein claspin, for ubiquitin-mediated degradation (3-5). Research studies have shown that inhibition of β -TrCP expression has a demonstrated benefit in the treatment of prostate cancer (6).
Species: Rabbit
Isotype: IgG
Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Synonyms: BETA-TRCP; FBW1A; FBXW1; FBXW1A; FWD1; MGC4643; bTrCP; bTrCP1; betaTrCP;
Immunogen: Recombinant protein of human BTRC
Purification: Affinity purification
Reactivity: H M R
Applications: WB IHC
Molecular Weight: 69kDa
Swiss-Prot No. : Q9Y297
Gene ID: 8945
References: 1. Bour, S. et al. (2001) J Biol Chem 276, 15920-8. 2. Kusmierczyk, A.R. and Hochstrasser, M. (2008) Biol Chem 389, 1143-51. 3. Wan, M. et al. (2004) J Biol Chem 279, 14484-7. 4. Mailand, N. et al. (2006) Mol Cell 23, 307-18. 5. Frescas, D. and Pagano, M. (2008) Nat Rev Cancer 8, 438-49. 6. Gluschnaider, U. et al. (2010) PLoS One 5, e9060.



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