

BTRC Conjugated Antibody

Catalog No: #C32369



Package Size: #C32369-AF350 100ul #C32369-AF405 100ul #C32369-AF488 100ul
 #C32369-AF555 100ul #C32369-AF594 100ul #C32369-AF647 100ul
 #C32369-AF680 100ul #C32369-AF750 100ul #C32369-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	BTRC Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total BTRC protein.
Immunogen Description	Recombinant protein of human BTRC.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	BETA-TRCP;FBW1A;FBXW1;FBXW1A;FWD1
Accession No.	Swiss-Prot#:Q9Y297NCBI Gene ID:8945
Uniprot	Q9Y297
GeneID	8945;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	69
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Product Description

Antibodies were purified by affinity purification using immunogen.

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).

Note: This product is for in vitro research use only