

KCTD16 Conjugated Antibody

Catalog No: #C42919



Package Size: #C42919-AF350 100ul #C42919-AF405 100ul #C42919-AF488 100ul

#C42919-AF555 100ul #C42919-AF594 100ul #C42919-AF647 100ul

#C42919-AF680 100ul #C42919-AF750 100ul #C42919-Biotin 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	KCTD16 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total KCTD16 protein.
Immunogen Description	Fusion protein of human KCTD16
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	BTB/POZ domain-containing protein KCTD16; DKFZp781A1155; KCD16; KCTD16; KIAA1317; MGC138167
Accession No.	Swiss-Prot#:Q68DU8NCBI Gene ID:57528NCBI mRNA#:BC113435NCBI Protein#:
Uniprot	Q68DU8
GeneID	57528;
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	49KD
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

Background

The BTB (Broad-Complex, Tramtrack and Bric a brac) domain, also known as the POZ (Poxvirus and Zinc finger) domain, is an N-terminal homodimerization domain that contains multiple copies of kelch repeats and/or C2H2-type zinc fingers. Proteins that contain BTB domains are thought to be involved in transcriptional regulation via control of chromatin structure and function. KCTD16 (potassium channel tetramerisation domain containing 16), also known as BTB/POZ domain-containing protein KCTD16, is a 428 amino acid protein that contains one BTB (POZ) domain. An auxiliary subunit of GABAB R1 and GABAB R2, KCTD16 increases agonist potency and alters the G-protein signaling of the receptors by accelerating onset and promoting desensitization.

Note: This product is for in vitro research use only