KCTD21 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	KCTD21, Polyclonal Antibody
Full Product Name	KCTD21, CT (KCTD21, BTB/POZ domain-containing protein KCTD21) (MaxLight 405)
Product Gene Name	anti-KCTD21 antibody
Product Synonym Names	KCTD21; BTB/POZ domain-containing protein KCTD21
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight405 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	29,643 Da
3D Structure	ModBase 3D Structure for Q4G0X4
Immunogen	KCTD21 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 239-268 amino acids from the C-terminal region of human KCTD21.
Conjugate	MaxLight405
Note	Preservative Free
Product Categories/Family for anti-KCTD21 antibody	Antibodies; Proteins
Applications Tested/Suitable for anti-KCTD21 antibody	Flow Cytometry (FC/FACS), FLISA, Immunohistochemistry (IHC), Western Blot (WB)
Application Notes for anti-KCTD21 antibody	FC/FACS: 1:10-50 FLISA: 1:1,000 IHC: 1:50-100 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-KCTD21 antibody	MaxLight405 is a new Violet photostable dye conjugate comparable to Alexa Fluor 405, PacificBlue, Brilliant Violet 421 and offers better labeling efficiency, brighter imaging and increased immunodetection. Absorbance (400nm); Emission (423nm); Extinction Coefficient 32,000.
Product References and Citations for anti-KCTD21 antibody	Gerhard, D.S., et al. Genome Res. 14 (10B), 2121-2127 (2004).
Other Notes	Small volumes of anti-KCTD21 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for KCTD21 purchase	MBS6312901 is an antibody targeting KCTD21. Also known as KCTD21, CT (KCTD21, BTB/POZ domain-containing protein KCTD21) (MaxLight 405). Reactive in Human, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for KCTD21. It may not necessarily be applicable to this product.

NCBI GI #	71143104
NCBI GeneID	283219
NCBI Accession #	NP_001025030.1
UniProt Primary Accession #	Q4G0X4
UniProt Secondary Accession #	B4DTR0
UniProt Related Accession #	Q4G0X4
GenBank Nucleotide #	NM_001029859.1
NCBI Official Full Name	BTB/POZ domain-containing protein KCTD21
NCBI Official Synonym Full Names	potassium channel tetramerization domain containing 21
NCBI Official Symbol	KCTD21
NCBI Official Synonym Symbols	KCASH2
UniProt Protein Name	BTB/POZ domain-containing protein KCTD21
Protein Family	BTB/POZ domain-containing protein
UniProt Gene Name	KCTD21
UniProt Entry Name	KCD21_HUMAN
NCBI Protein Information	BTB/POZ domain-containing protein KCTD21; potassium channel tetramerisation domain containing 21
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