

KBTBD8 Antibody

Purified Mouse Monoclonal Antibody

Catalog # AO2031a

Product Information

Application	WB, FC, E
Primary Accession	Q8NFY9
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	7G8A6
Isotype	IgG1
Calculated MW	68823
Description	KBTBD8 (kelch repeat and BTB (POZ) domain containing 8) is a protein-coding gene. An important paralog of this gene is KLHL21.
Immunogen	Purified recombinant fragment of human KBTBD8 (AA: 264-464) expressed in E. Coli.
Formulation	Purified antibody in PBS with 0.05% sodium azide

Additional Information

Gene ID	84541
Other Names	Kelch repeat and BTB domain-containing protein 8, T-cell activation kelch repeat protein, TA-KRP, KBTBD8, KIAA1842, TAKRP
Dilution	WB~~1/500 - 1/2000 FC~~1/200 - 1/400 E~~1/10000
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	KBTBD8 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	KBTBD8
Synonyms	KIAA1842, TAKRP
Function	Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin ligase complex that acts as a regulator of neural crest specification (PubMed: 26399832). The BCR(KBTBD8) complex acts by mediating

monoubiquitination of NOLC1 and TCOF1: monoubiquitination promotes the formation of a NOLC1-TCOF1 complex that acts as a platform to connect RNA polymerase I with enzymes responsible for ribosomal processing and modification, leading to remodel the translational program of differentiating cells in favor of neural crest specification (PubMed:[26399832](#)).

Cellular Location

Cytoplasm, cytoskeleton, spindle. Golgi apparatus. Note=Translocates to the spindle apparatus during mitosis.

References

Cell Div. 2013 Apr 11;8(1):3.J Hum Genet. 2010 Jan;55(1):27-31.

Images

