

KBTBD8 Mouse mAb

Catalog # AP53516

Product Information

Application	WB, FC
Primary Accession	Q8NFY9
Reactivity	Human
Host	Mouse
Clonality	Monoclonal Antibody
Isotype	IgG1
Conjugate	Unconjugated
Immunogen	Purified recombinant fragment of human KBTBD8 expressed in E. Coli.
Purification	Affinity Purified
Calculated MW	68823

Additional Information

Gene ID	84541
Other Names	TA-KRP
Dilution	WB~~1:1000 FC~~1:10~50
Format	Liquid in Purified antibody in PBS with 0.05% sodium azide.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

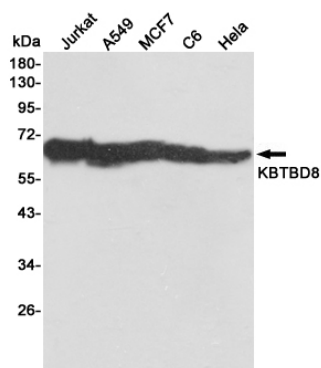
Protein Information

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.

Background

Swiss-Prot Acc.Q8NFY9.KBTBD8 (kelch repeat and BTB (POZ) domain containing 8) is a protein-coding gene. An important paralog of this gene is KLHL21.

Images



Western blot detection of KBTBD8 in Jurkat,A549,MCF7,C6 and HeLa cell lysates using KBTBD8 mouse mAb (1:1000 diluted).Predicted band size:69KDa.Observed band size:69KDa.

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