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# KBTBD8 Antibody
**Purified Mouse Monoclonal Antibody**
**Catalog # AO2031a**

## Specification

## KBTBD8 Antibody - Product Information

| | |
|---|---|
| Application | **E, WB, FC** |
| Primary Accession | Q8NFY9 |
| Reactivity | **Human** |
| Host | **Mouse** |
| Clonality | **Monoclonal** |
| Isotype | **IgG1** |
| Calculated MW | **68.8kDa KDa** |

**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

## KBTBD8 Antibody - 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**
E~~1/10000
WB~~1/500 - 1/2000
FC~~1/200 - 1/400

**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.

## KBTBD8 Antibody - 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:<a href="http://www.uniprot.org/citations/26399832" target="_blank">26399832</a>). 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:<a href="http://www.uniprot.org/citations/26399832" target="_blank">26399832</a>).

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

## KBTBD8 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture