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KBTBD7 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP18640c

Specification

KBTBD7 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q8WVZ9

KBTBD7 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 84078

Other Names
Kelch repeat and BTB domain-containing protein 7, KBTBD7

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

KBTBD7 Antibody (Center) Blocking Peptide - Protein Information

Name KBTBD7 (HGNC:25266)

Function
As part of the CUL3(KBTBD6/7) E3 ubiquitin ligase complex functions as a substrate adapter for the RAC1 guanine exchange factor (GEF) TIAM1, mediating its 'Lys-48' ubiquitination and proteasomal degradation (PubMed:25684205). By controlling this ubiquitination, regulates RAC1 signal transduction and downstream

KBTBD7 Antibody (Center) Blocking Peptide - Background

The function of this protein is unknown.

KBTBD7 Antibody (Center) Blocking Peptide - References

Hu, J., et al. BMB Rep 43(1):17-22(2010)Stelzl, U., et al. Cell 122(6):957-968(2005)

biological processes including the organization of the cytoskeleton, cell migration and cell proliferation (PubMed:25684205). Ubiquitination of TIAM1 requires the membrane-associated protein GABARAP which may restrict locally the activity of the complex (PubMed:25684205).

Cellular Location
Cytoplasm. Nucleus

KBTBD7 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides