



### **KBTBD7 Antibody (Center) Blocking Peptide**

Synthetic peptide Catalog # BP18640c

#### **Specification**

KBTBD7 Antibody (Center) Blocking Peptide - Product Information

Primary Accession <u>Q8WVZ9</u>

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**

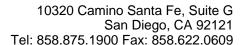
As part of the CUL3(KBTBD6/7) E3 ubiquitin ligase complex functions as a substrate adapter for the RAC1 guanine exchange factor (GEF) TIAM1, mediating its 'Lys-48' ubiquitination and proteasomal degradation (PubMed:<a href="http://www.uniprot.org/c itations/25684205" target="\_blank">25684205" target="\_blank">25684205</a>). 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:<a href="http://www.uniprot.org/citations/2568 4205" target="\_blank">25684205</a>). Ubiquitination of TIAM1 requires the membrane-associated protein GABARAP which may restrict locally the activity of the complex (PubMed:<a href="http://www.uniprot.org/citations/25684205" target="\_blank">25684205</a>).

**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