



## ZRANB1 Antibody (C-term) Blocking Peptide

Synthetic peptide Catalog # BP9830b

## **Specification**

ZRANB1 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession <a href="Q9UGI0">Q9UGI0</a>

ZRANB1 Antibody (C-term) Blocking Peptide - Additional Information

**Gene ID 54764** 

### **Other Names**

Ubiquitin thioesterase ZRANB1, TRAF-binding domain-containing protein, hTrabid, Zinc finger Ran-binding domain-containing protein 1, ZRANB1, TRABID

#### **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.

ZRANB1 Antibody (C-term) Blocking Peptide - Protein Information

Name ZRANB1

**Synonyms** TRABID

### Function

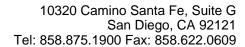
Specifically hydrolyzes 'Lys-29'-linked and 'Lys-33'-linked diubiquitin. Also cleaves 'Lys-63'-linked chains, but with 40-fold less efficiency compared to 'Lys-29'-linked ones. Positive regulator of the Wnt signaling

## ZRANB1 Antibody (C-term) Blocking Peptide - Background

ZRANB1 is a positive regulator of the Wnt signaling pathway that specifically cleaves 'Lys-63'-linked ubiquitin chains. It acts by deubiquitinating APC protein, a negative regulator of Wnt-mediated transcription and may also modulate TNF-alpha signaling.

## ZRANB1 Antibody (C-term) Blocking Peptide - References

Tran, H., et al. Genes Dev. 22(4):528-542(2008)Evans, P.C., et al. Biochem. J. 357 (PT 3), 617-623 (2001)





pathway that deubiquitinates APC protein, a negative regulator of Wnt-mediated transcription. Plays a role in the regulation of cell morphology and cytoskeletal organization. Required in the stress fiber dynamics and cell migration. May also modulate TNF-alpha signaling.

### **Cellular Location**

Cytoplasm. Nucleus. Note=Enriched in punctate localization in the cytoplasm

**Tissue Location** Widely expressed...

# ZRANB1 Antibody (C-term) Blocking Peptide - Protocols

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

• Blocking Peptides