10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.622.0609

ZRANB1 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP9830b

Specification

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

Primary Accession O9UGI0

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