

**BRAP Antibody(N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP19664a****Specification**

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**BRAP Antibody(N-term) Blocking peptide - Product Information**Primary Accession [Q7Z569](#)**BRAP Antibody(N-term) Blocking peptide - Additional Information****Gene ID** 8315**Other Names**

BRCA1-associated protein, 632-, BRAP2, Impedes mitogenic signal propagation, IMP, RING finger protein 52, Renal carcinoma antigen NY-REN-63, BRAP ([http://www.genenames.org/cgi-bin/gene\\_symbol\\_report?hgnc\\_id=1099](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=1099))>HGNC:1099</a>), RNF52

**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.

**BRAP Antibody(N-term) Blocking peptide - Protein Information****Name** BRAP ([HGNC:1099](#))**Synonyms** RNF52**Function**

Negatively regulates MAP kinase activation by limiting the formation of Raf/MEK complexes probably by inactivation of the KSR1 scaffold protein. Also acts as a Ras responsive E3 ubiquitin ligase that, on activation of Ras, is modified by auto-polyubiquitination resulting in the release of inhibition of Raf/MEK complex formation. May also act as a cytoplasmic retention protein with a role in regulating nuclear transport.

**Cellular Location**

Cytoplasm.

**Tissue Location**

Expressed in breast epithelial cell lines.

## **BRAP Antibody(N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

## **BRAP Antibody(N-term) Blocking peptide - Images**

## **BRAP Antibody(N-term) Blocking peptide - Background**

The protein encoded by this gene was identified by its ability to bind to the nuclear localization signal of BRCA1 and other proteins. It is a cytoplasmic protein which may regulate nuclear targeting by retaining proteins with a nuclear localization signal in the cytoplasm.

## **BRAP Antibody(N-term) Blocking peptide - References**

Fulcher, A.J., et al. FASEB J. 24(5):1454-1466(2010) Kamatani, Y., et al. Nat. Genet. 42(3):210-215(2010) Ganesh, S.K., et al. Nat. Genet. 41(11):1191-1198(2009) Hinohara, K., et al. J. Hum. Genet. 54(11):642-646(2009) Cui, R., et al. Gastroenterology 137(5):1768-1775(2009)