

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

Specification

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 (HGNC:1099), 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)