

TACC3 Blocking Peptide (Center)
Synthetic peptide
Catalog # BP21917c**Specification**

TACC3 Blocking Peptide (Center) - Product InformationPrimary Accession [Q9Y6A5](#)**TACC3 Blocking Peptide (Center) - Additional Information****Gene ID** 10460**Other Names**

Transforming acidic coiled-coil-containing protein 3, ERIC-1, TACC3, ERIC1

Target/Specificity

The synthetic peptide sequence is selected from aa 518-530 of HUMAN TACC3

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.

TACC3 Blocking Peptide (Center) - Protein Information**Name** TACC3**Synonyms** ERIC1**Function**

Plays a role in the microtubule-dependent coupling of the nucleus and the centrosome. Involved in the processes that regulate centrosome-mediated interkinetic nuclear migration (INM) of neural progenitors (By similarity). Acts as a component of the TACC3/ch-TOG/clathrin complex proposed to contribute to stabilization of kinetochore fibers of the mitotic spindle by acting as inter-microtubule bridge. The TACC3/ch-TOG/clathrin complex is required for the maintenance of kinetochore fiber tension (PubMed: [21297582](http://www.uniprot.org/citations/21297582), PubMed: [23532825](http://www.uniprot.org/citations/23532825)). May be involved in the control of cell growth and differentiation. May contribute to cancer (PubMed: [14767476](http://www.uniprot.org/citations/14767476)).

Cellular Location

Cytoplasm. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm,

cytoskeleton, spindle. Cytoplasm, cytoskeleton, spindle pole {ECO:0000250|UniProtKB:Q9PTG8}.
Note=In complex with CKAP5 localized to microtubule plus-ends in mitosis and interphase. In complex with CKAP5 and clathrin localized to inter-microtubule bridges in mitotic spindles.

TACC3 Blocking Peptide (Center) - Protocols

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

- [Blocking Peptides](#)

TACC3 Blocking Peptide (Center) - Images

TACC3 Blocking Peptide (Center) - Background

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TACC3 Blocking Peptide (Center) - References

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