

**TACC1 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP17420a****Specification**

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**TACC1 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [O75410](#)**TACC1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 6867**Other Names**

Transforming acidic coiled-coil-containing protein 1, Gastric cancer antigen Ga55, Taxin-1, TACC1, KIAA1103

**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.

**TACC1 Antibody (N-term) Blocking Peptide - Protein Information****Name** TACC1**Synonyms** KIAA1103**Function**

Involved in transcription regulation induced by nuclear receptors, including in T3 thyroid hormone and all-trans retinoic acid pathways (PubMed:<a href="http://www.uniprot.org/citations/20078863" target="\_blank">20078863</a>). Might promote the nuclear localization of the receptors (PubMed:<a href="http://www.uniprot.org/citations/20078863" target="\_blank">20078863</a>). Likely involved in the processes that promote cell division prior to the formation of differentiated tissues.

**Cellular Location**

Cytoplasm. Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Midbody. Note=Nucleus during interphase. Weakly concentrated at centrosomes during mitosis and colocalizes with AURKC at the midbody during cytokinesis. [Isoform 10]: Cytoplasm

**Tissue Location**

Isoform 1, isoform 3 and isoform 5 are ubiquitous. Isoform 2 is strongly expressed in the brain, weakly detectable in lung and colon, and overexpressed in gastric cancer. Isoform 4 is not

detected in normal tissues, but strong expression was found in gastric cancer tissues.  
Down-regulated in a subset of cases of breast cancer

### **TACC1 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **TACC1 Antibody (N-term) Blocking Peptide - Images**

### **TACC1 Antibody (N-term) Blocking Peptide - Background**

This locus may represent a breast cancer candidate gene. It is located close to FGFR1 on a region of chromosome 8 that is amplified in some breast cancers. Three transcript variants encoding different isoforms have been found for this gene.

### **TACC1 Antibody (N-term) Blocking Peptide - References**

Olson, J.E., et al. Breast Cancer Res. Treat. (2010) In press :Guyot, R., et al. BMC Mol. Biol. 11, 3 (2010) :Ghayad, S.E., et al. J. Mol. Endocrinol. 42(2):87-103(2009)Olsen, J.V., et al. Cell 127(3):635-648(2006)Lauffart, B., et al. Dev. Dyn. 235(6):1638-1647(2006)