

**TACC1 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP17420A****Specification**

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**TACC1 Antibody (N-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O75410</a>
Other Accession	<a href="#">NP_001139688.1</a> , <a href="#">NP_001116296.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	87794
Antigen Region	117-145

**TACC1 Antibody (N-term) - Additional Information****Gene ID** 6867**Other Names**

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

**Target/Specificity**

This TACC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 117-145 amino acids from the N-terminal region of human TACC1.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

TACC1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**TACC1 Antibody (N-term) - 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:[20078863](#)). Might promote the nuclear localization of the receptors (PubMed:[20078863](#)). 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**

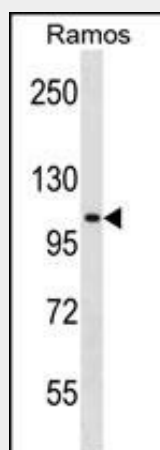
Isoform 1, isoform 3 and isoform 5 are ubiquitous. Isoform 2 is strongly expressed in the brain, weakly detectable in lung and colon, and overexpressed in gastric cancer. Isoform 4 is not detected in normal tissues, but strong expression was found in gastric cancer tissues. Down-regulated in a subset of cases of breast cancer

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

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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



TACC1 Antibody (N-term) (Cat. #AP17420a) western blot analysis in Ramos cell line lysates (35ug/lane). This demonstrates the TACC1 antibody detected the TACC1 protein (arrow).

### **TACC1 Antibody (N-term) - 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) - 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)