

TACC1 Antibody (aa11-60)

Rabbit Polyclonal Antibody Catalog # ALS16694

Specification

TACC1 Antibody (aa11-60) - Product Information

Application IHC, IF, WB
Primary Accession O75410
Other Accession 6867

Reactivity Human, Mouse

Host Rabbit Clonality Polyclonal

Isotype IgG
Calculated MW 87794

TACC1 Antibody (aa11-60) - Additional Information

Gene ID 6867

Other Names

TACC1, Ga55, Gastric cancer antigen Ga55, KIAA1103, Taxin-1

Target/Specificity

TACC1 Antibody detects endogenous levels of total TACC1 protein.

Reconstitution & Storage

PBS (without Mg2+, Ca2+), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol. Store at -20°C for up to one year.

Precautions

TACC1 Antibody (aa11-60) is for research use only and not for use in diagnostic or therapeutic procedures.

TACC1 Antibody (aa11-60) - 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

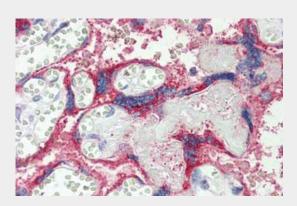
Isoform 1, isoform 3 and isoform 5 are ubiquitous. Isoform 2 is strongly expressed in the brain, weakly detectable in lung and colon, and overexpressed in gastric cancer. Isoform 4 is not detected in normal tissues, but strong expression was found in gastric cancer tissues. Down-regulated in a subset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

TACC1 Antibody (aa11-60) - Protocols

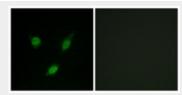
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

TACC1 Antibody (aa11-60) - Images

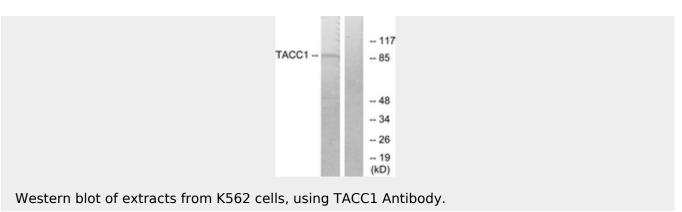


Anti-TACC1 antibody IHC staining of human placenta.



Immunofluorescence of MCF7 cells, using TACC1 Antibody.





TACC1 Antibody (aa11-60) - Background

Likely involved in the processes that promote cell division prior to the formation of differentiated tissues.

TACC1 Antibody (aa11-60) - References

Still I.H.,et al.Oncogene 18:4032-4038(1999).
Still I.H.,et al.BMC Evol. Biol. 4:16-16(2004).
Li F.,et al.Submitted (AUG-2002) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.