

KD-Validated Anti-TACC3 Rabbit Monoclonal Antibody
Rabbit monoclonal antibody
Catalog # AGI1720**Specification****KD-Validated Anti-TACC3 Rabbit Monoclonal Antibody - Product Information**

Application	WB, FC
Primary Accession	Q9Y6A5
Reactivity	Rat, Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 90 kDa , observed , 140 kDa
Gene Name	KDa
Aliases	TACC3 TACC3; Transforming Acidic Coiled-Coil Containing Protein 3; ERIC-1; ERIC1; Maskin; Tacc4; Transforming Acidic Coiled-Coil-Containing Protein 3; Transforming, Acidic Coiled-Coil Containing Protein 3
Immunogen	A synthesized peptide derived from human TACC3

KD-Validated Anti-TACC3 Rabbit Monoclonal Antibody - Additional Information

Gene ID	10460
Other Names	
Transforming acidic coiled-coil-containing protein 3, ERIC-1, TACC3, ERIC1	

KD-Validated Anti-TACC3 Rabbit Monoclonal Antibody - 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) target="_blank">21297582, PubMed: [23532825](http://www.uniprot.org/citations/23532825) target="_blank">23532825). May be involved in the control of cell growth and differentiation. May contribute to cancer (PubMed: [14767476](http://www.uniprot.org/citations/14767476) target="_blank">14767476).

Cellular Location

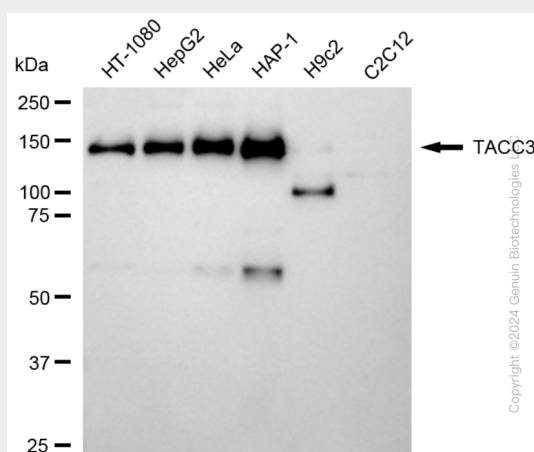
Cytoplasm. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle. Cytoplasm, cytoskeleton, spindle pole {ECO:0000250|UniProtKB:Q9PTG8}. Note=In complex with CKAP5 localized to microtubule plus-ends in mitosis and interphase. In complex with CKAP5 and clathrin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

KD-Validated Anti-TACC3 Rabbit Monoclonal Antibody - Protocols

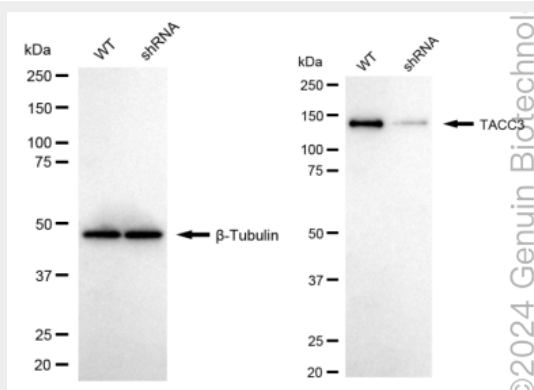
Provided below are standard protocols that you may find useful for product applications.

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

KD-Validated Anti-TACC3 Rabbit Monoclonal Antibody - Images

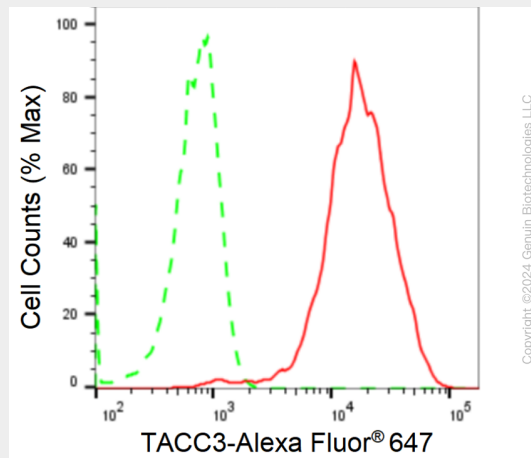


Western blotting analysis using anti-TACC3 antibody (Cat#62642). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-TACC3 antibody (Cat#62642, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).



Western blotting analysis using anti-TACC3 antibody (Cat#62642). TACC3 expression in wild type

(WT) and TACC3 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-TACC3 antibody (Cat#62642, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).



Flow cytometric analysis of TACC3 expression in HAP-1 cells using anti-TACC3 antibody (Cat#62642, 1:2,000). Green, isotype control; red, TACC3.