10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

KD-Validated Anti-TACC3 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody
Catalog # AGI1720

Product Information

Application	WB, FC
Primary Accession	Q9Y6A5
Reactivity	Rat, Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	24GB1940
Calculated MW	90360
Gene Name	TACC3
Aliases	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

Additional Information

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

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, PubMed:23532825). May be involved in the control of cell growth and differentiation. May contribute to cancer (PubMed: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.