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TACC3 Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21917c

Specification

TACC3 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q9Y6A5
Reactivity	**Human**
Host	**Rabbit**
Clonality	**polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**90360**

TACC3 Antibody (Center) - Additional Information

Gene ID 10460

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

Target/Specificity
This TACC3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 498-530 amino acids from the Central region of human TACC3.

Dilution
WB~~1:2000

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
TACC3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

TACC3 Antibody (Center) - 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).

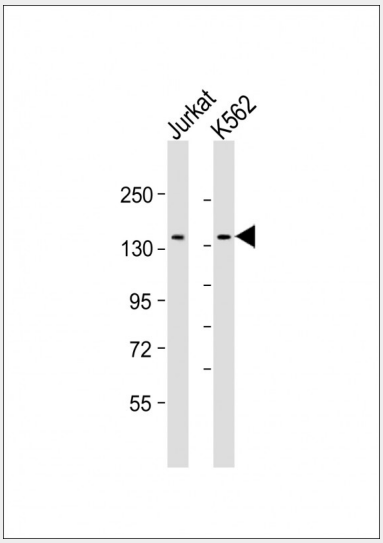
Cellular Location
Cytoplasm. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle. Cytoplasm, cytoskeleton, spindle pole {ECO:0000250|UniProtKB:Q9PTG8}. Note=In complex with CKAP5 localized to microtubule plus-ends in mitosis and interphase. In complex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

TACC3 Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TACC3 Antibody (Center) - Images



All lanes : Anti-TACC3 Antibody (Center) at 1:2000 dilution Lane 1: Jurkat whole cell lysate Lane 2: K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 90 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

TACC3 Antibody (Center) - Background

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). May be involved in the control of cell growth and differentiation. May

contribute to cancer.

TACC3 Antibody (Center) - References

Still I.H.,et al.Genomics 58:165-170(1999).
McKeveney P.J.,et al.Br. J. Haematol. 112:1016-1024(2001).
Gangisetty O.,et al.Oncogene 23:2559-2563(2004).
Beausoleil S.A.,et al.Nat. Biotechnol. 24:1285-1292(2006).
Cantin G.T.,et al.J. Proteome Res. 7:1346-1351(2008).