

TACC3 recombinant antibody

TACC3 Antibody

CATALOG # AAA243913	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

TACC3; Monoclonal Recombinant Antibody; TACC3 Antibody; Transforming acidic coiled-coil-containing protein 3 (ERIC-1); ERIC1; TACC3 recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	10G7
Purity/Purification	Affinity-chromatography
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, PH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for TACC3 recombinant antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Antibody Type	Recombinant Antibody
Conjugation	Non-conjugated
Immunogen	A synthesized peptide derived from human TACC3
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

IHC image diluted at 1:100 and staining in paraffin-embedded human testis tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.



WB (Western Blot)

Western BlotPositive WB detected in: K562 whole cell lysate, THP-1 whole cell lysateAll lanes: TACC3 Antibody at 1:1000SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 91 kDaObserved band size: 140 kDa

ADDITIONAL INFORMATION

Related Product Information for TACC3 recombinant antibody

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 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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	5454102
NCBI GeneID	10460
NCBI Accession #	NP_006333.1
NCBI GenBank Nucleotide #	NM_006342.2
UniProt Accession #	Q9Y6A5; Q3KQS5; Q9UMQ1
Molecular Weight	90,360 Da
NCBI Official Full Name	transforming acidic coiled-coil-containing protein 3
NCBI Official Synonym Full Names	transforming, acidic coiled-coil containing protein 3
NCBI Official Symbol	TACC3
NCBI Official Synonym Symbols	ERIC1; ERIC-1
NCBI Protein Information	transforming acidic coiled-coil-containing protein 3
UniProt Protein Name	Transforming acidic coiled-coil-containing protein 3
UniProt Gene Name	TACC3
UniProt Synonym Gene Names	ERIC1
UniProt Entry Name	TACC3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.