Rabbit anti-Human TACC3 Monoclonal Antibody | anti-TACC3 antibody

TACC3 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282764	**Rabbit**	**Human**	**ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

TACC3; Monoclonal Antibody; TACC3 Rabbit mAb; ERIC1; Tacc4; ERIC-1; maskin; anti-TACC3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MSLQVLNDKN VSNEKNTENC DFLFSPPEVT GRSSVLRVSQ KENVPPKNLA KAMKVTFQTP LRDPQTHRIL SPSMASKLEA PFTQDDTLGL ENSHPVWTQK
Applicable Applications for anti-TACC3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human TACC3 (NP_006333.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescence analysis of U-2 OS cells using TACC3 Rabbit mAb (AAA282764) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

IF (Immunofluorescence)
Immunofluorescence analysis of NIH/3T3 cells using TACC3 Rabbit mAb (AAA282764) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

IHC (Immunohistochemisry)
Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using TACC3 Rabbit mAb (AAA282764) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

IHC (Immunohiostchemistry)
Immunohistochemistry analysis of paraffin-embedded Human colon tissue using TACC3 Rabbit mAb (AAA282764) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



WB (Western Blot)
Western blot analysis of lysates from 293T cells, using TACC3 Rabbit mAb (AAA282764) at 1:1000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-TACC3 antibody	TACC3, also known as ERIC 1, belongs to the TACC family. TACC family members TACC1, TACC2, and TACC3 map very closely to the corresponding FGFR1, FGFR2, FGFR3 genes on chromosomes 8, 10, and 4. Subsequently, since they are phylogenetically related, it is proposed that TACC and FGFR have similar roles in cell growth and differentiation. It plays a role in the microtubule-dependent coupling of the nucleus and the centrosome and involved in the processes that regulate centrosome-mediated interkinetic nuclear migration (INM) of neural progenitors.
Product Categories/Family for anti-TACC3 antibody	Cell Biology Developmental Biology; Apoptosis; Cell Cycle; Cell differentiation; Antibodies

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	Calculated MW: 90kDa Observed MW: 140kDa
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.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/tacc3-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/282764