



TACC3 Polyclonal Antibody

Catalog No	YP-Ab-00528
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;IHC;IF;ELISA
Gene Name	TACC3
Protein Name	Transforming acidic coiled-coil-containing protein 3
Immunogen	The antiserum was produced against synthesized peptide derived from human TACC3. AA range:789-838
Specificity	TACC3 Polyclonal Antibody detects endogenous levels of TACC3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	TACC3; ERIC1; Transforming acidic coiled-coil-containing protein 3; ERIC-1
Observed Band	80kD
Cell Pathway	Cytoplasm . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Cytoplasm, cytoskeleton, spindle . Cytoplasm, cytoskeleton, spindle pole . 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. .
Tissue Specificity	Epithelium,PCR rescued clones,Skin,
Function	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). May be involved in the control of cell growth and differentiation. May contribute to cancer.,induction:Up-regulated in various cancer cell lines.,similarity:Belongs to the TACC family.,subunit:Interacts with microtubules. Interacts with CCDC100/CEP120. The coiled coil C-terminus region interacts with AH receptor nuclear translocator protein (ARNT) and ARNT2 (By similarity). Interacts with GCN5L2 and PCAF.,



Background

This gene encodes a member of the transforming acidic coiled-coil protein family. The encoded protein is a motor spindle protein that may play a role in stabilization of the mitotic spindle. This protein may also play a role in growth and differentiation of certain cancer cells. [provided by RefSeq, Nov 2011],

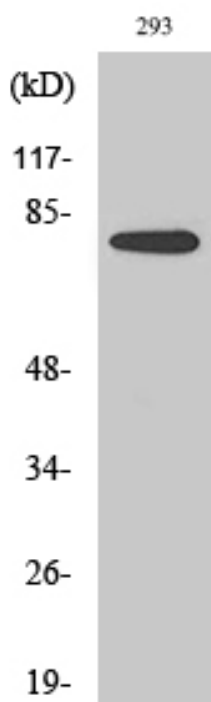
matters needing attention

Avoid repeated freezing and thawing!

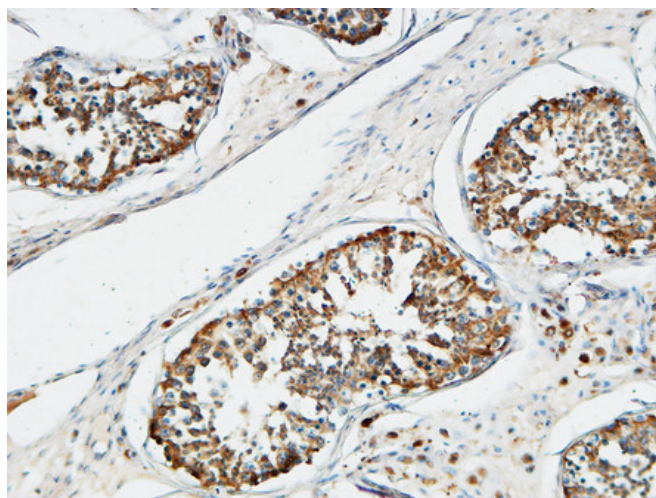
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

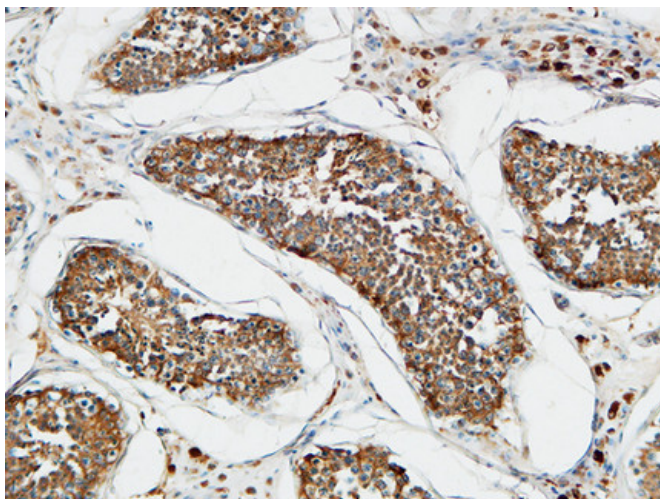
Products Images



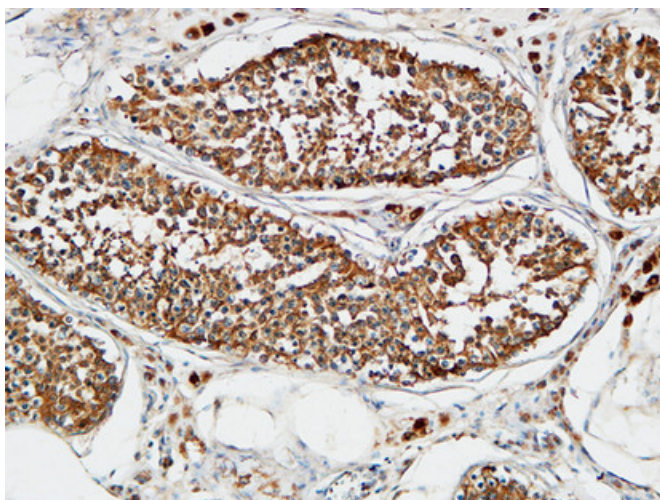
Western Blot analysis of various cells using TACC3 Polyclonal Antibody



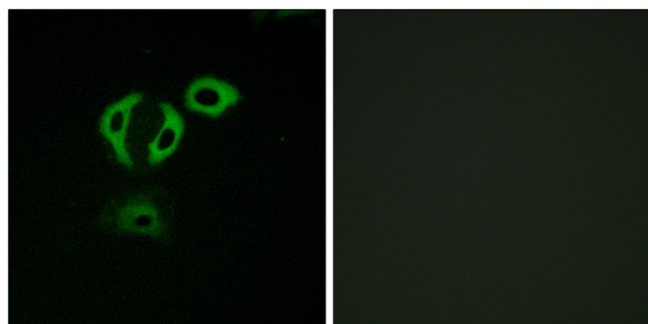
Immunohistochemical analysis of paraffin-embedded Human testis. 1, Antibody was diluted at 1:100 (4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200 (room temperature, 30min).



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Immunofluorescence analysis of A549 cells, using TACC3 Antibody. The picture on the right is blocked with the synthesized peptide.