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TACC2 Rabbit pAb

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Catalog # AP58302

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	O95359
Reactivity	Human
Predicted	Rat, Mouse, Rabbit, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	309427
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TACC2
Epitope Specificity	2851-2948/2948
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm. Nucleus. Cytoplasm, cytoskeleton, centrosome.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	TACC2 is a conserved family of centrosome and microtubule interacting proteins that are implicated in cancer. This gene encodes a protein that concentrates at centrosomes throughout the cell cycle. This gene lies within a chromosomal region associated with tumorigenesis. Expression of this gene is thought to affect the progression of breast tumors. Expression of this gene is also induced by erythropoietin.

Additional Information

Gene ID	10579
Other Names	Transforming acidic coiled-coil-containing protein 2, Anti-Zuai-1, AZU-1, TACC2
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

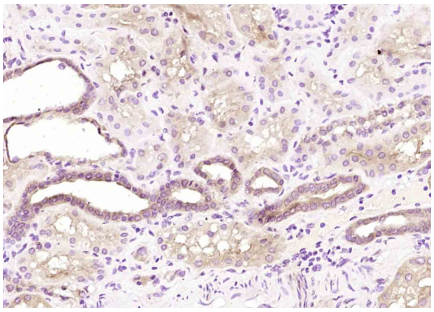
Name	TACC2

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 play a role in organizing centrosomal microtubules. May act as a tumor suppressor protein. May represent a tumor progression marker.
Cellular Location	Cytoplasm. Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome
Tissue Location	Strongly expressed in heart, skeletal muscle, brain, prostate, thyroid and trachea.

Background

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Images



Paraformaldehyde-fixed, paraffin embedded (Human kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TACC2) Polyclonal Antibody, Unconjugated (AP58302) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.