

TACC2 Polyclonal Antibody

Catalog number: 11407-1-AP

Size: 64 µg/150 µl

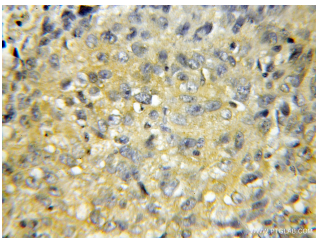
Source: Rabbit

Isotype: IgG

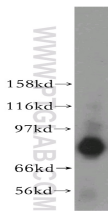
Synonyms:

TACC2; Anti Zuai 1, AZU 1,

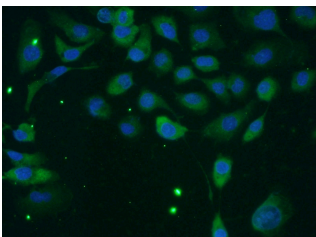
ECTACC, TACC2



Immunohistochemical of paraffin-embedded human lung cancer using 11407-1-AP (TACC2 antibody) at dilution of 1:100 (under 10x lens)



mouse testis tissue were subjected to SDS PAGE followed by western blot with 11407-1-AP (TACC2 antibody) at dilution of 1:500



Immunofluorescent analysis of A431 cells using 11407-1-AP (TACC2 Antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

Background

Transforming acidic coiled-coil (TACC) proteins are a conserved family of centrosome- and microtubule-interacting proteins that are implicated in cancer. TACC2, also known as anti-zuai-1 (AZU-1), was abundantly expressed in non- and premalignant cells and tissues but was appreciably reduced in breast tumor cell types and in primary tumors, thus TACC2 may act as a tumor suppressor protein and represent a tumor progression marker. Several transcript variants encoding different isoforms have been found for this gene. Chromosome segregation in mitosis is orchestrated by dynamic interaction between spindle microtubule and the kinetochore. Centrosomal TACC2 plays a role in organizing centrosomal microtubules and is required for mitotic spindle maintenance.

Applications

Tested applications:	ELISA, WB, IHC, IF
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated TACC2 MW:	2948aa, 309 kDa
Observed TACC2 MW:	73kd
Positive WB detected in	Mouse testis tissue
Positive IHC detected in	Human lung cancer tissue
Positive IF detected in	A431 cells
Recommended dilution:	WB: 1:1000-1:10000
	IHC: 1:20-1:200
	IF: 1:10-1:100

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1923
GenBank accession number:	BC015736
Gene ID (NCBI):	10579
Full name:	Transforming, acidic coiled-coil containing protein 2

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.