

For Research Use Only

TACC3 Polyclonal antibody

Catalog Number: 25697-1-AP

Featured Product

5 Publications



Basic Information

Catalog Number: 25697-1-AP	GenBank Accession Number: BC111771	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 550 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10460	Recommended Dilutions: WB 1:500-1:3000 IHC 1:20-1:200 IF 1:200-1:800
Source: Rabbit	Full Name: transforming, acidic coiled-coil containing protein 3	
Isotype: IgG	Calculated MW: 838 aa, 91 kDa	
Immunogen Catalog Number: AG22516	Observed MW: 130 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls: WB : HeLa cells, IHC : human cervical cancer tissue, human testis tissue IF : HeLa cells,
Cited Applications: IF, IHC, WB	
Species Specificity: human	
Cited Species: human, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

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. This antibody works well in WB, IHC and IF application.

Notable Publications

Author	Pubmed ID	Journal	Application
Yong Du	27248823	Oncotarget	WB,IHC
Zhi-Rui Lin	29358577	Cell Death Dis	WB
Saimeng Shi	38012214	Cell Death Dis	WB,IHC,IF

Storage

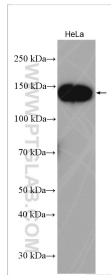
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

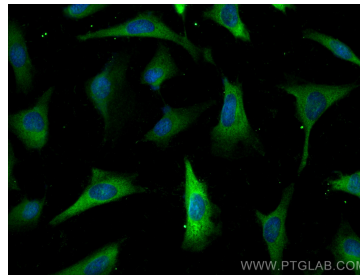
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

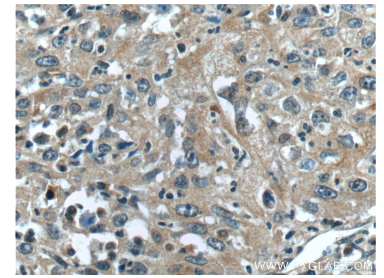
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 25697-1-AP (TACC3 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using TACC3 antibody (25697-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 25697-1-AP (TACC3 Antibody) at dilution of 1:50 (under 40x lens).