

For Research Use Only

TBCCD1 Polyclonal antibody

Catalog Number: 21429-1-AP



Basic Information

Catalog Number: 21429-1-AP	GenBank Accession Number: BC025748	Purification Method: Antigen Affinity purified
Concentration: 700 ug/ml	GeneID (NCBI): 55171	Recommended Dilutions: WB: 1:500-1:3000 IF/ICC: 1:200-1:800
Source: Rabbit	UNIPROT ID: Q9NVR7	
Isotype: IgG	Full Name: TBCC domain containing 1	
Immunogen Catalog Number: AG16032	Calculated MW: 557 aa, 64 kDa	
	Observed MW: 52 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls: WB : HEK-293 cells, HeLa cells, human testis tissue IF/ICC : HEK-293 cells,
Species Specificity: human	

Background Information

TBCC-domain containing 1 (TBCCD1) belongs to the tubulin-binding cofactor C (TBCC) family, which is a new human pericentriolar matrix component (PMID: 24101722). TBCCD1 localizes at the centrosome and at the spindle midzone, midbody and basal bodies of primary and motile cilia. Knockdown of TBCCD1 in RPE-1 cells caused the dissociation of the centrosome from the nucleus and disorganization of the Golgi apparatus. TBCCD1 is a key regulator of centrosome positioning and consequently of internal cell organization (PMID: 20168327).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

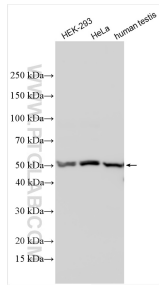
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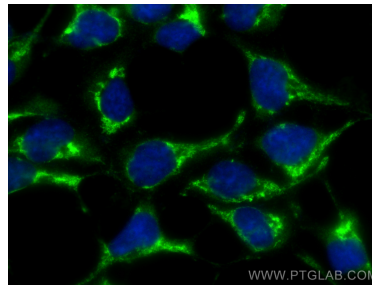
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 21429-1-AP (TBCCD1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using TBCCD1 antibody (21429-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).