

For Research Use Only

CCDC153 Polyclonal antibody

Catalog Number: 21390-1-AP



Basic Information

Catalog Number: 21390-1-AP	GenBank Accession Number: BC101443	Purification Method: Antigen affinity purification
Size: 1400 ug/ml	GeneID (NCBI): 283152	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q494R4	IHC 1:20-1:200
Isotype: IgG	Full Name: coiled-coil domain containing 153	IF/ICC 1:10-1:100
Immunogen Catalog Number: AG16044	Calculated MW: 210 aa, 24 kDa	
	Observed MW: 45-48 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Species Specificity:
human, mouse, rat

Note-IHC: suggested antigen retrieval with **TE buffer pH 9.0; (*)** Alternatively, antigen retrieval may be performed with **citrate buffer pH 6.0**

Positive Controls:

WB : COLO 320 cells, HepG2 cells, L02 cells, human brain tissue, HeLa cells

IHC : human prostate hyperplasia tissue,

IF/ICC : HepG2 cells, HeLa cells

Background Information

CCDC153's properties have yet to be elucidated. However, research suggests that it may be a neuronal subtype marker (PMID: 28166221). It has a molecular weight of 24 kDa and is often observed on a Western blot as a dimer.

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

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

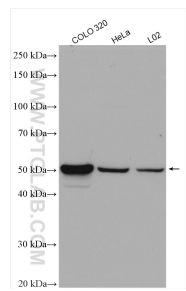
T: 4006900926

E: Proteintech-CN@ptglab.com

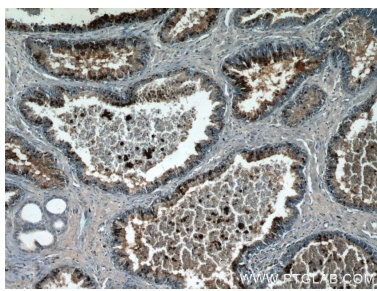
W: ptgcn.com

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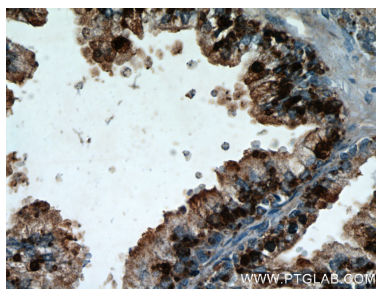
Selected Validation Data



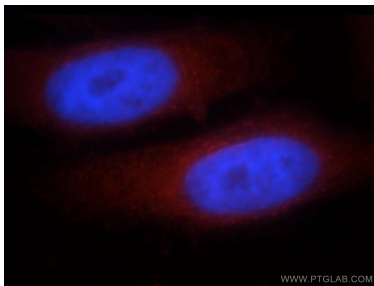
Various lysates were subjected to SDS PAGE followed by western blot with 21390-1-AP (CCDC153 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



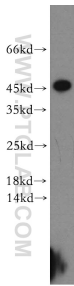
Immunohistochemical analysis of paraffin-embedded human prostate hyperplasia using 21390-1-AP (CCDC153 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human prostate hyperplasia using 21390-1-AP (CCDC153 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HepG2 cells, using CCDC153 antibody 21390-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



COLO 320 cells were subjected to SDS PAGE followed by western blot with 21390-1-AP (CCDC153 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.