

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: 150ul , Concentration: 1400 µg/ml by Nanodrop and 767 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 283152	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200 IF 1:10-1:100
Source: Rabbit	Full Name: coiled-coil domain containing 153	
Isotype: IgG	Calculated MW: 210 aa, 24 kDa	
Immunogen Catalog Number: AG16044	Observed MW: 45-48 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB: COLO 320 cells, HepG2 cells, human brain tissue, L02 cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC: human prostate hyperplasia tissue,
	IF: 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

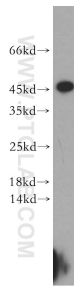
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

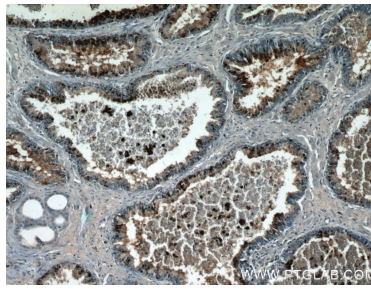
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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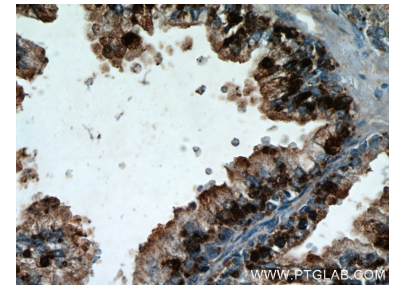
Selected Validation Data



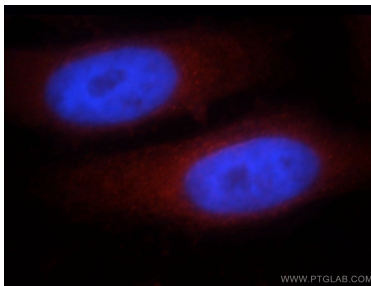
COLO 320 cells were subjected to SDS PAGE followed by western blot with 21390-1-AP (CCDC153 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



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).