

For Research Use Only

ANKRD53 Polyclonal antibody

Catalog Number: 24283-1-AP



Basic Information

Catalog Number: 24283-1-AP	GenBank Accession Number: BC035234	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 900 ug/ml by Nanodrop and 367 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 79998	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q8N9V6	IHC 1:50-1:500
Isotype: IgG	Full Name: ankyrin repeat domain 53	IF/ICC 1:50-1:500
Immunogen Catalog Number: AG15030	Calculated MW: 530 aa, 60 kDa	
	Observed MW: 60-70 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : HeLa cells, HepG2 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 kidney tissue, mouse testis tissue
	IF/ICC : HepG2 cells,

Background Information

ANKRD53 also termed as ankyrin repeat domain 53 is a 533 amino-acid protein, which contains three ANK repeats and belongs to ankyrin family. The function of ANKRD53 is still non-known and need to be further studied. Ankyrins are membrane adaptor molecules that play important roles in coupling integral membrane proteins to the spectrin-based cytoskeleton network.

Storage

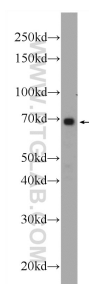
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

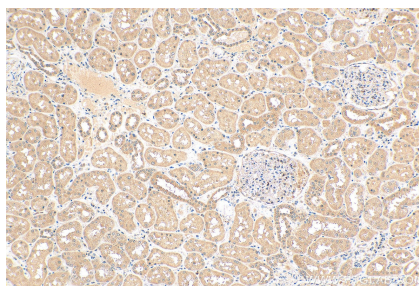
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

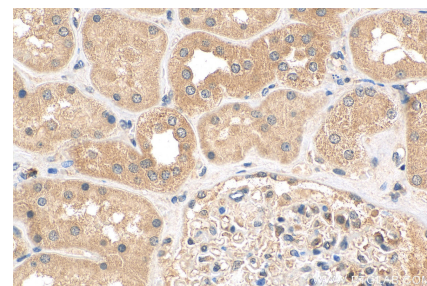
Selected Validation Data



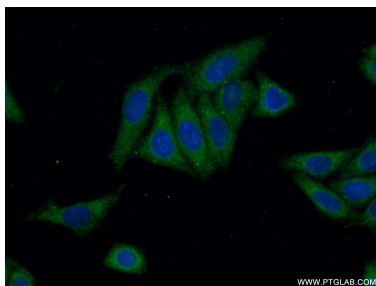
HeLa cells were subjected to SDS PAGE followed by western blot with 24283-1-AP (ANKRD53 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 24283-1-AP (ANKRD53 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 24283-1-AP (ANKRD53 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 24283-1-AP (ANKRD53 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).