

For Research Use Only

C15orf53 Polyclonal antibody

Catalog Number: 24553-1-AP



Basic Information

Catalog Number: 24553-1-AP	GenBank Accession Number: BC119016	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 650 µg/ml by Nanodrop and 340 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 400359	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200
Source: Rabbit	Full Name: chromosome 15 open reading frame 53	
Isotype: IgG	Calculated MW: 179 aa, 20 kDa	
Immunogen Catalog Number: AG18630	Observed MW: ~30 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : A431 cells, COLO 320 cells, HepG2 cells
Species Specificity: human	IHC : human tonsillitis tissue, human spleen tissue
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

C15orf53 has been identified on chromosome 15q14. It is probably neither causative for the etiology of BD (Bipolar disorder) nor for SCZD10 (periodic catatonia). Gene expression analysis revealed that C15orf53 was expressed in a subpopulation of leukocytes, but not in human post-mortem limbic brain tissue. In our detection this antibody always detect ~30 kDa band even the amino acids is 20 kDa.

Storage

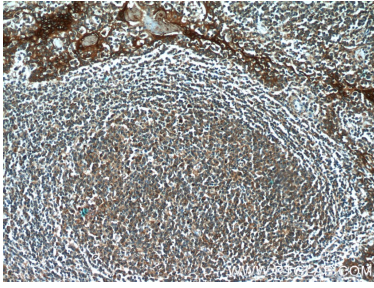
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

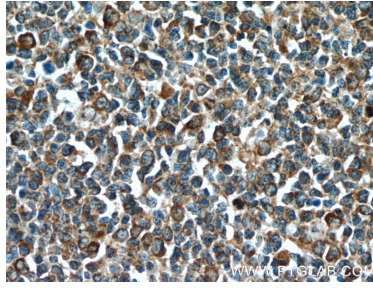
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

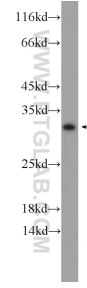
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis slide using 24553-1-AP (C15orf53 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human tonsillitis slide using 24553-1-AP (C15orf53 Antibody) at dilution of 1:50 (under 40x lens).



A431 cells were subjected to SDS PAGE followed by western blot with 24553-1-AP (C15orf53 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.