

For Research Use Only

C15orf53 Polyclonal antibody

Catalog Number: 24553-1-AP



Basic Information

Catalog Number:

24553-1-AP

Size:

150ul, Concentration: 650 ug/ml by Nanodrop and 340 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18630

GenBank Accession Number:

BC119016

GeneID (NCBI):

400359

UNIPROT ID:

Q8NAA6

Full Name:

chromosome 15 open reading frame

53

Calculated MW:

179 aa, 20 kDa

Observed MW:

~30 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human

Positive Controls:

WB: A431 cells, COLO 320 cells, HepG2 cells

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:

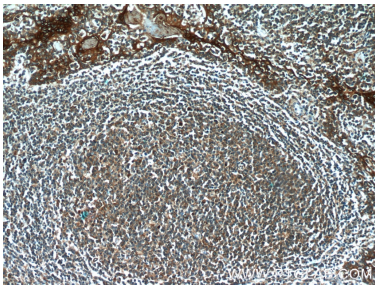
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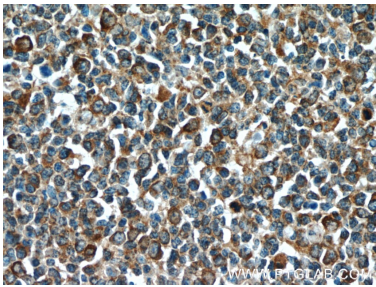
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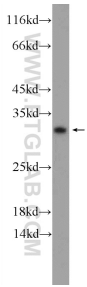
Selected Validation Data



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.