

# C15orf53 Polyclonal antibody

Catalog Number: 24553-1-AP

## Basic Information

**Catalog Number:**

24553-1-AP

**Size:**

650 µg/ml

**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:**

IHC, WB, ELISA

**Species Specificity:**

human

**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 : A431 cells, COLO 320 cells, HepG2 cells

IHC : human tonsillitis tissue, human spleen tissue

## 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:**

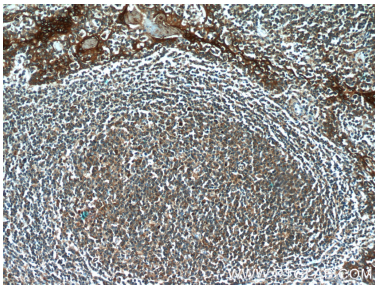
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

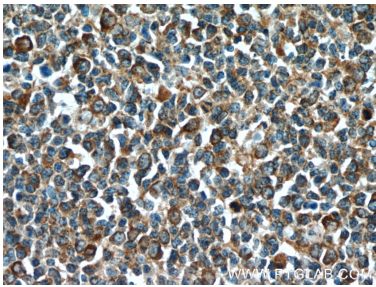
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

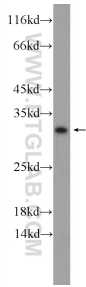
Selected Validation Data



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.