#### For Research Use Only

# C7orf50 Polyclonal antibody

Catalog Number: 20797-1-AP 2 Publications



**Purification Method:** 

**Basic Information** 

Catalog Number: GenBank Accession Number:

20797-1-AP BC006224 Antigen affinity purification GeneID (NCBI): Recommended Dilutions: Size: 150ul, Concentration: 650 ug/ml by 84310 WB: 1:500-1:4000 IHC: 1:50-1:500

Nanodrop and 633 ug/ml by Bradford  $\,$  UNIPROT ID: method using BSA as the standard; IF/ICC: 1:50-1:500 Q9BRJ6

Source: Full Name: Rabbit

chromosome 7 open reading frame 50 Isotype:

Calculated MW: 194 aa, 22 kDa Immunogen Catalog Number: Observed MW: AG14709 22 kDa

**Applications** 

Positive Controls: **Tested Applications:** WB, IHC, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human **Cited Species:** human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

WB: HEK-293T cells, Jurkat cells, LO2 cells

IHC: human stomach tissue,

IF/ICC: LO2 cells,

## **Background Information**

C7orf50 (Chromosome 7, Open Reading Frame 50) is ubiquitously expressed in the kidneys, brain, fat, prostate, spleen, among 22 other tissues and demonstrates low tissue specificity.

## **Notable Publications**

Author	Pubmed ID	Journal	Application
Koshi Imami	30220558	Mol Cell	WB
Amani Issa	38858088	Life Sci Alliance	WB

Storage

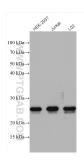
Store at -20°C. Stable for one year after shipment.

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

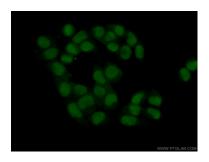
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

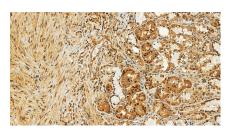
### **Selected Validation Data**



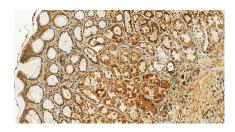
Various lysates were subjected to SDS PAGE followed by western blot with 20797-1-AP (C7orf50 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed LO2 cells using 20797-1-AP (C7orf50 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffinembedded human normal stomach slide using 20797-1-AP (C7orf50 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffinembedded human normal stomach slide using 20797-1-AP (C7orf50 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).