

For Research Use Only

# C5orf4 Polyclonal antibody

Catalog Number: 22046-1-AP **2 Publications**



## Basic Information

|   |  |  |
|---|--|--|
| <b>Catalog Number:</b><br>22046-1-AP        | <b>GenBank Accession Number:</b><br>BC007216           | <b>Purification Method:</b><br>Antigen affinity purification       |
| <b>Size:</b><br>700 µg/ml                   | <b>GeneID (NCBI):</b><br>10826                         | <b>Recommended Dilutions:</b><br>WB 1:200-1:1000<br>IHC 1:50-1:500 |
| <b>Source:</b><br>Rabbit                    | <b>UNIPROT ID:</b><br>Q96IV6                           |  |
| <b>Isotype:</b><br>IgG                      | <b>Full Name:</b><br>chromosome 5 open reading frame 4 |  |
| <b>Immunogen Catalog Number:</b><br>AG16960 | <b>Calculated MW:</b><br>333 aa, 39 kDa                |  |
|   | <b>Observed MW:</b><br>40 kDa                          |  |

## Applications

|  |  |
|--|--|
| <b>Tested Applications:</b><br>IHC, WB, ELISA  | <b>Positive Controls:</b><br>WB : COLO 320 cells, A549 cells, HepG2 cells<br>IHC : human liver tissue, human kidney tissue |
| <b>Cited Applications:</b><br>WB   |  |
| <b>Species Specificity:</b><br>human   |  |
| <b>Cited Species:</b><br>human, mouse  |  |
| <b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b> |  |

## Background Information

Fatty acid hydroxylase domain containing 2 (FAXDC2), also known as C5orf4, is a 40 kDa protein. The function of FAXDC2 remains largely unknown. The MW of this protein is 25 kDa, and this antibody specially recognises the 25 kDa protein.

## Notable Publications

| Author       | Pubmed ID | Journal        | Application |
|--------------|-----------|----------------|-------------|
| Q Jin        | 27689744  | Blood Cancer J | WB          |
| Babita Madan | 38488003  | J Clin Invest  | WB          |

## 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

For technical support and original validation data for this product please contact:

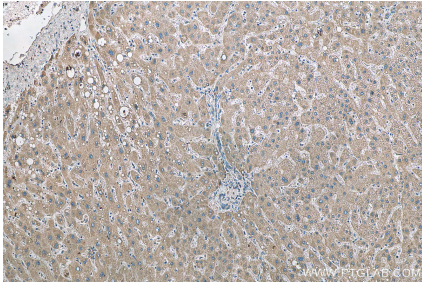
T: 4006900926

E: Proteintech-CN@ptglab.com

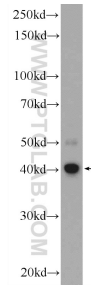
W: ptgcn.com

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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 22046-1-AP (C5orf4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



COLO 320 cells were subjected to SDS PAGE followed by western blot with 22046-1-AP (C5orf4 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.