

For Research Use Only

FAM190B Polyclonal antibody

Catalog Number: 21078-1-AP



Basic Information

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| Catalog Number: 21078-1-AP | GenBank Accession Number: BC030528 | Purification Method: Antigen affinity purification |
| Concentration: 400 ug/ml | GeneID (NCBI): 54462 | Recommended Dilutions: WB 1:1000-1:8000 IHC 1:50-1:500 |
| Source: Rabbit | UNIPROT ID: Q9H7U1 | |
| Isotype: IgG | Full Name: KIAA1128 | |
| Immunogen Catalog Number: AG15281 | Calculated MW: 834 aa, 94 kDa Observed MW: 63 kDa | |

Applications

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| Tested Applications: WB, IHC, ELISA | Positive Controls: WB : NIH/3T3 cells, U2OS cells IHC : mouse kidney tissue, |
| Species Specificity: human, mouse | |
| 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

FAM190B (Family with sequence similarity 190, member B), also known as Gcap14, CCSER2, KIAA1128, NPD012, is a CC domain-containing protein with multiple isoforms generated by alternative splicing that functions as an MAP. FAM190B is a microtubule plus-end-tracking protein and as a regulator of microtubule dynamics during neurodevelopment (PMID: 36795749).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

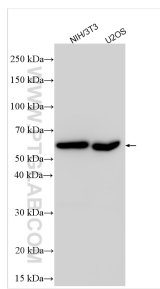
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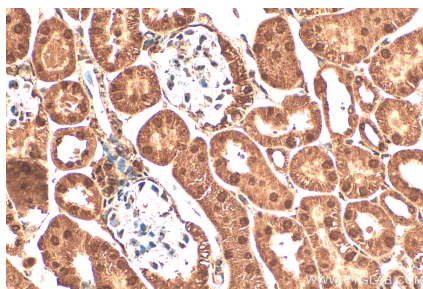
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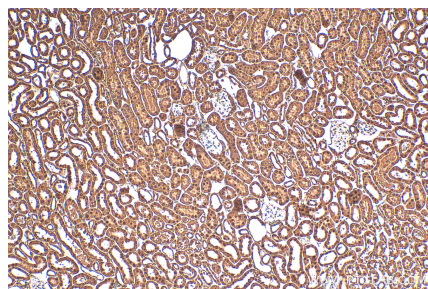
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 21078-1-AP (FAM190B antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 21078-1-AP (FAM190B antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 21078-1-AP (FAM190B antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).