

For Research Use Only

NPRL2,TUSC4 Recombinant monoclonal antibody

Catalog Number:88066-1-RR



Basic Information

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|---|---|---|
| Catalog Number: 88066-1-RR | GenBank Accession Number: BC002791 | Purification Method: Protein A purification |
| Source: Rabbit | GeneID (NCBI): 10641 | CloneNo.: 251619D5 |
| Isotype: IgG | UNIPROT ID: Q8WTW4 | Recommended Dilutions: WB: 1:2000-1:10000 |
| Immunogen Catalog Number: AG38610 | Full Name: tumor suppressor candidate 4 | |
| | Calculated MW: 44 kDa | |
| | Observed MW: 44 kDa | |

Applications

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| Tested Applications: WB, ELISA | Positive Controls: WB : LNCaP cells, Jurkat cells, RT-4 cells, MCF-7 cells, HeLa cells, mouse pancreas tissue, rat pancreas tissue |
| Species Specificity: human, mouse, rat | |

Background Information

NPRL2 (NPR2 Like, GATOR1 Complex Subunit) is a Protein Coding gene associated with Epilepsy, Familial Focal. As a component of the GATOR1 complex functions as an inhibitor of the amino acid-sensing branch of the TORC1 pathway. Homologous to yeast nitrogen permease (candidate tumor suppressor) (NM_006545, BC021984) gene encodes a protein of molecular mass of 50 kDa. Data by using overlapping and nested homozygous deletions methods indicate that this protein might be a tumor suppressor involved in the development of lung cancers.

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:

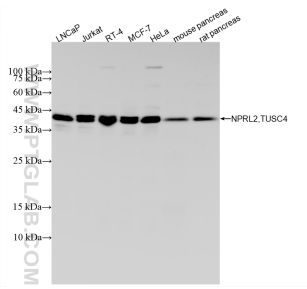
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88066-1-RR (NPRL2,TUSC4 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.