

For Research Use Only

NDRG4 Polyclonal antibody

Catalog Number:33254-1-AP



Basic Information

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| Catalog Number: 33254-1-AP | GenBank Accession Number: BC011795 | Purification Method: Antigen affinity Purification |
| Size: 150ul , Concentration: 450 ug/ml by Nanodrop; | GeneID (NCBI): 65009 | Recommended Dilutions: WB: 1:5000-1:50000 |
| Source: Rabbit | UNIPROT ID: Q9ULPO | |
| Isotype: IgG | Full Name: NDRG family member 4 | |
| Immunogen Catalog Number: AG38351 | Calculated MW: 339 aa, 37 kDa | |
| | Observed MW: 37 kDa, 38 kDa and 41 kDa | |

Applications

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| Tested Applications: WB, ELISA | Positive Controls: WB : mouse brain tissue, mouse cerebellum tissue, rat brain tissue, rat cerebellum tissue |
| Species Specificity: human, mouse, rat | |

Background Information

NDRG4 (N-myc downstream-regulated gene 4) is a member of the NDRG family (NDRG1-4), a group of evolutionarily conserved proteins implicated in cell differentiation, stress responses, and tumor suppression. Unlike other family members (e.g., NDRG1 linked to cancer metastasis), NDRG4 is highly expressed in the brain and heart, with emerging roles in neuronal development and cardiovascular function. Methylation of NDRG4 in stool DNA is a diagnostic marker for colorectal cancer.

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

*** 20ul sizes contain 0.1% BSA

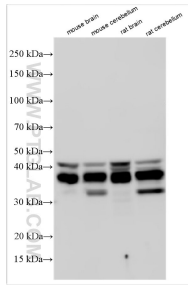
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33254-1-AP (NDRG4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.