

For Research Use Only

NDRG4 Polyclonal antibody

Catalog Number:33254-1-AP



Basic Information

Catalog Number: 33254-1-AP	GenBank Accession Number: BC011795	Purification Method: Antigen affinity Purification
Concentration: 450 ug/ml	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

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

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

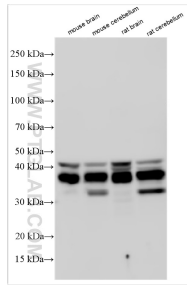
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Selected Validation Data



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