

For Research Use Only

DDHD1 Polyclonal antibody

Catalog Number: 26297-1-AP



Basic Information

Catalog Number: 26297-1-AP	GenBank Accession Number: BC030703	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop;	GeneID (NCBI): 80821	Recommended Dilutions: WB 1:500-1:3000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
Source: Rabbit	Full Name: DDHD domain containing 1	
Isotype: IgG	Observed MW: 100-110 kDa	
Immunogen Catalog Number: AG23620		

Applications

Tested Applications: IP, WB, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : mouse brain tissue, mouse testis tissue IP : mouse brain tissue,

Background Information

DDHD1, also known as KIAA1705, is a member of the intracellular phospholipase A1 (PLA1) protein family which comprises a group of enzymes that hydrolyze the sn-1 ester bond of phospholipids, producing 2-acyl-lysophospholipids and fatty acids. DDHD1 is highly expressed in the brain and testes. DDHD1 negatively controls the formation of a local phosphatidic acid-rich domain in recycling endosomes that serves as a membrane source for neurite outgrowth (PMID: 32850804).

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

*** 20ul sizes contain 0.1% BSA

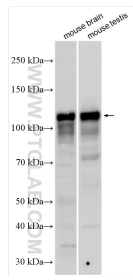
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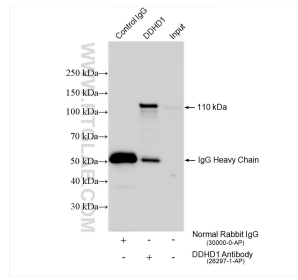
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26297-1-AP (DDHD1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



IP result of anti-DDHD1(IP:26297-1-AP, 4ug; Detection:26297-1-AP 1:800) with mouse brain tissue lysate 1680 ug.