

For Research Use Only

DDHD2 Polyclonal antibody

Catalog Number: 25203-1-AP

Featured Product

7 Publications



Basic Information

Catalog Number: 25203-1-AP	GenBank Accession Number: BC010504	Purification Method: Antigen affinity purification
Size: 900 µg/ml	GeneID (NCBI): 23259	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:50-1:500 IF/ICC 1:200-1:800
Source: Rabbit	UNIPROT ID: O94830	
Isotype: IgG	Full Name: DDHD domain containing 2	
Immunogen Catalog Number: AG18373	Calculated MW: 711 aa, 81 kDa	
	Observed MW: 80-90 kDa	

Applications

Tested Applications: WB, IF/ICC, IHC, ELISA	Positive Controls: WB : rat brain tissue, mouse lung tissue, mouse testis tissue IHC : mouse brain tissue, mouse cerebellum tissue IF/ICC : HEK-293 cells,
Cited Applications: WB, IHC, IF, IP	
Species Specificity: human, mouse, rat	
Cited Species: human, mouse, rat	
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

DDHD2, also known as KIAA0725p, 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. DDHD2 prefers phosphatidic acid as substrate and has a role in efficient membrane trafficking from the Golgi apparatus to the plasma membrane. The gene of DDHD2 maps to chromosome 8p11.23, and encodes a 711-amino-acid protein with a calculated molecular mass of 81 kDa. It has been reported that DDHD2 immunoblot analysis of various tissue extracts revealed two bands of 90 and 85 kDa (PMID: 11788596).

Notable Publications

Author	Pubmed ID	Journal	Application
Christoph Heier	28887301	J Biol Chem	WB
Chao Yang	31786011	Neuron	
Junjie Chu	33479208	Cell Death Dis	WB,IHC

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

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

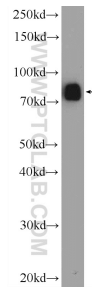
T: 4006900926

E: Proteintech-CN@ptglab.com

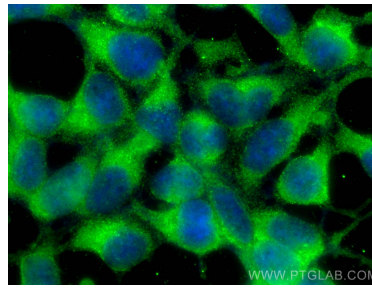
W: ptgcn.com

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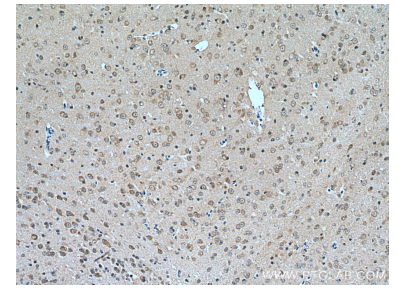
Selected Validation Data



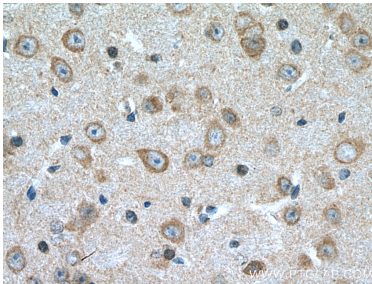
rat brain tissue were subjected to SDS PAGE followed by western blot with 25203-1-AP (DDHD2 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using DDHD2 antibody (25203-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 25203-1-AP (DDHD2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 25203-1-AP (DDHD2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).