

For Research Use Only

# CoraLite® Plus 488-conjugated DDHD2 Polyclonal antibody



Catalog Number: CL488-25203

Featured Product

## Basic Information

Catalog Number:

CL488-25203

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18373

GenBank Accession Number:

BC010504

GeneID (NCBI):

23259

UNIPROT ID:

O94830

Full Name:

DDHD domain containing 2

Calculated MW:

711 aa, 81 kDa

Observed MW:

80-90 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HEK-293 cells,

## 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).

## Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

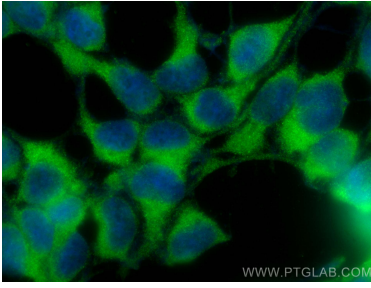
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

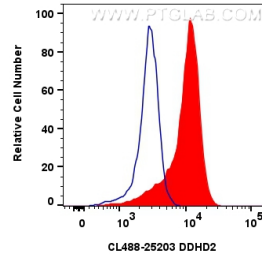
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using CoraLite® Plus 488 DDHD2 antibody (CL488-25203) at dilution of 1:200.



1x10<sup>6</sup> HEK-293 cells were intracellularly stained with 0.8 ug CoraLite® Plus 488 Ddhd2 Polyclonal Antibody (CL488-25203)(red), or 0.8 ug CoraLite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).