

For Research Use Only

# GDPD2 Polyclonal antibody

Catalog Number: 25074-1-AP



## Basic Information

Catalog Number:

25074-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18377

GenBank Accession Number:

BC032009

GeneID (NCBI):

54857

UNIPROT ID:

Q9HCC8

Full Name:

glycerophosphodiester  
phosphodiesterase domain  
containing 2

Calculated MW:

539 aa, 62 kDa

Observed MW:

62 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:100-1:400

## Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

WB: mouse skin tissue,

IHC: human liver cancer tissue,

## Background Information

GDPD2 (Glycerophosphoinositol inositol phosphodiesterase) is also named as GDE3, OBDPF and belongs to the glycerophosphoryl diester phosphodiesterase family. It has glycerophosphoinositol inositol phosphodiesterase activity and specifically hydrolyzes glycerophosphoinositol, with no activity for other substrates such as glycerophosphoinositol 4-phosphate, glycerophosphocholine, glycerophosphoethanolamine, and glycerophosphoserine. This protein has 3 isoforms produced by alternative splicing.

## 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:

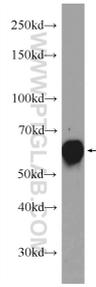
T: 4006900926

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

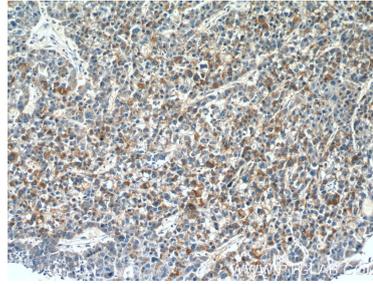
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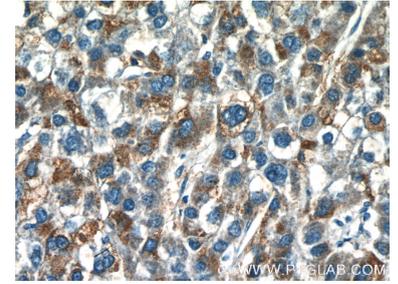
## Selected Validation Data



mouse skin tissue were subjected to SDS PAGE followed by western blot with 25074-1-AP (GDPD2 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 25074-1-AP (GDPD2 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 25074-1-AP (GDPD2 Antibody) at dilution of 1:200 (under 40x lens).