

For Research Use Only

DFNA5/GSDME Polyclonal antibody, PBS Only

Catalog Number: 31363-1-PBS



Basic Information

Catalog Number:

31363-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35186

GenBank Accession Number:

BC019689

GeneID (NCBI):

1687

UNIPROT ID:

O60443

Full Name:

deafness, autosomal dominant 5

Calculated MW:

496 aa, 55 kDa

Observed MW:

55 kDa, 35 kDa, 25 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, Indirect ELISA

Species Specificity:

human, mouse

Background Information

DFNA5 (deafness, autosomal dominant 5), also known as GSDME or ICERE-1, is a 496 amino acid protein that is expressed in cochlea tissue, as well as in placenta, brain, heart, liver, lung and pancreas. Defects in the gene encoding DFNA5 are the cause of non-syndromic sensorineural deafness autosomal dominant type 5 (DFNA5), a form of sensorineural hearing loss that results from damage to one of various structures that receive sound information in the brain. GSDME produced two GSDME fragments with MW of 35 kDa and 25 kDa.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

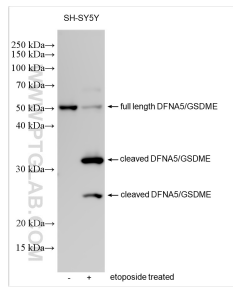
T: 4006900926

E: Proteintech-CN@ptglab.com

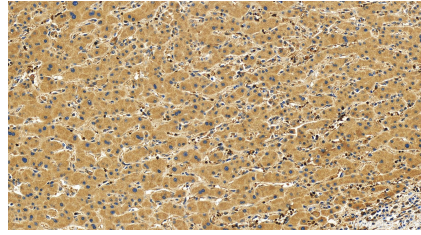
W: ptgcn.com

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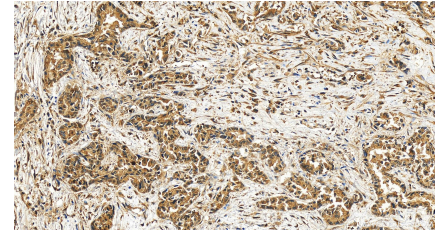
Selected Validation Data



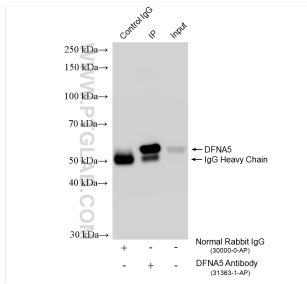
Untreated, and etoposide (60uM, 14h) treated SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 31363-1-AP (DFNA5/GSDME antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31363-1-PBS in a different storage buffer formulation.



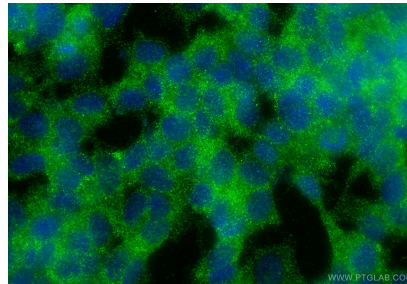
Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 31363-1-AP (DFNA5 antibody) at dilution of 1:100 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 31363-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 31363-1-AP (DFNA5 antibody) at dilution of 1:100 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 31363-1-PBS in a different storage buffer formulation.



IP result of anti-DFNA5/GSDME (IP:31363-1-AP, 4ug; Detection:31363-1-AP 1:800) with SH-SY5Y cells lysate 6790 ug. This data was developed using the same antibody clone with 31363-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using DFNA5 antibody (31363-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 31363-1-PBS in a different storage buffer formulation.