

For Research Use Only

DFNA5/GSDME Polyclonal antibody

Catalog Number: 31363-1-AP



Basic Information

Catalog Number: 31363-1-AP	GenBank Accession Number: BC019689	Purification Method: Antigen affinity Purification
Size: 380 µg/ml	GeneID (NCBI): 1687	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: O60443	
Isotype: IgG	Full Name: deafness, autosomal dominant 5	
Immunogen Catalog Number: AG35186	Calculated MW: 496 aa, 55 kDa	
	Observed MW: 55 kDa, 35 kDa, 25 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : SH-SY5Y cells,
Species Specificity: Human	

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 -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:

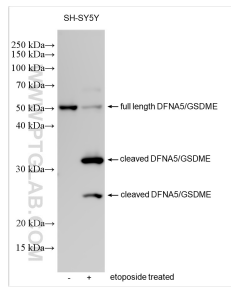
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Selected Validation Data



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.