

For Research Use Only

DFNA5/GSDME Recombinant antibody

Catalog Number: 82955-2-RR



Basic Information

Catalog Number: 82955-2-RR	GenBank Accession Number: BC132303	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 54722	CloneNo.: 251415B1
Source: Rabbit	UNIPROT ID: Q9Z2D3	Recommended Dilutions: WB: 1:5000-1:20000
Isotype: IgG	Full Name: deafness, autosomal dominant 5 (human)	
Immunogen Catalog Number: AG33622	Calculated MW: 57 kDa	
	Observed MW: 57 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls:
Species Specificity: mouse, rat	WB : Neuro-2a cells, mouse cerebellum tissue, mouse brain tissue, rat brain tissue

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.

Storage

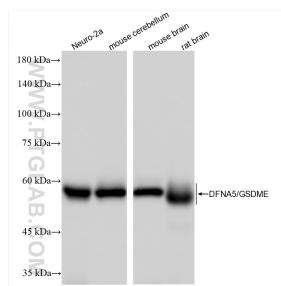
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

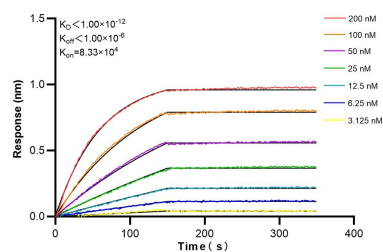
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82955-2-RR (Dfna5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 82955-2-RR against Mouse DFNA5/GSDME were performed. The affinity constant is below 1 pM.