

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; | GenID (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

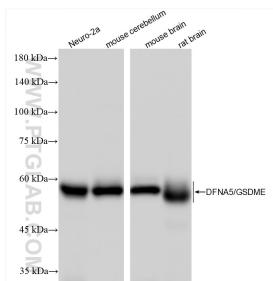
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

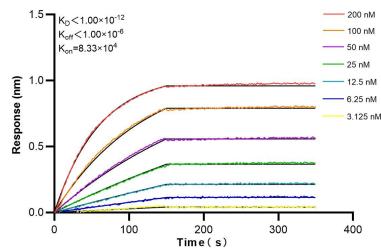
For technical support and original validation data for this product please contact:
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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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.