For Research Use Only

DFNA5/GSDME Recombinant antibody

Catalog Number:82955-2-RR

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Basic Information

Catalog Number:
82955-2-RR

Concentration:
1000 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG33622

GenBank Accession Number:
BC132303

GeneID (NCBI):
54722

UNIPROT ID:
Q9Z2D3

Full Name:
deafness, autosomal dominant 5 (human)

Calculated MW:
57 kDa

Observed MW:
57 kDa

Purification Method:
Protein A purification

CloneNo.:
251415B1

Recommended Dilutions:
WB: 1:5000-1:20000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
mouse, rat

Positive Controls:

WB : Neuro-2a cells, mouse cerebellum tissue, mouse brain tissue, rat brain tissue

Background Information

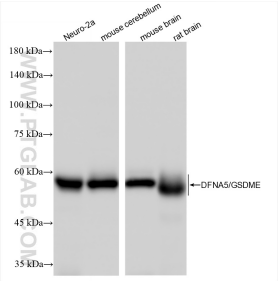
DFNA5 (deafness, autosomal dominant 5), also known as GSDME or ICERE-1, is a 496 amino acid protein that is expressed in cochlea tissue, as well as in placenta, brain, heart, liver, lung and pancreas. Defects in the gene encoding DFNA5 are the cause of non-syndromic sensorineural deafness autosomal dominant 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

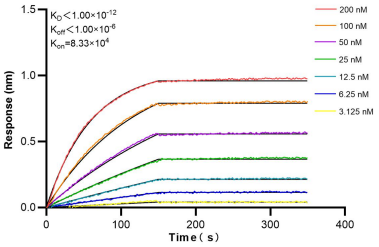
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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.