Leader in Biomolecular Solutions for Life Science

GSDME (Full length+N terminal) Rabbit pAb

Catalog No.: A7432SP

22 Publications

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Basic Information

Observed MW
35 kDa(N terminal)/55 kDa(Full length)

Calculated MW
11 kDa/36 kDa/55 kDa

Category
Polyclonal Antibodies

Applications
WB, IP, IF-F, IHC-P, ELISA

Cross Reactivity
Human, Mouse

Background

Hearing impairment is a heterogeneous condition with over 40 loci described. The protein encoded by this gene is expressed in fetal cochlea, however, its function is not known. Nonsyndromic hearing impairment is associated with a mutation in this gene. Three transcript variants encoding two different isoforms have been found for this gene.

Recommended Dilutions

WB	1:1000 - 1:5000
IP	0.5 μg - 4 μg antibody for 300 μg-900 μg extracts of whole cells
IF-F	1:100 - 1:200
IHC-P	1:200 - 1:800
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.For high-ratio antibody dilutions (≥1:10000)，a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID
1687

Swiss-Prot
O60443

Immunogen
This information is considered to be commercially sensitive.

Synonyms
DFNA5; ICERE-1; GSDME

Contact

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Product Information

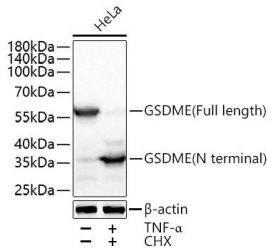
Source
Rabbit

Isotype
IgG

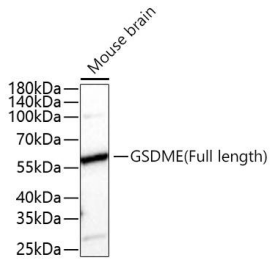
Purity
Affinity purification

Storage
Store at -20℃

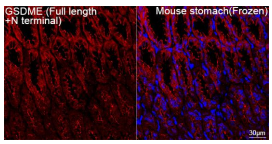
Validation Data



Western blot analysis of various lysates using GSDME (Full length+N terminal)Rabbit pAb (A7432SP) at 1:2000 dilution incubated at room temperature for 1.5 hours.
HeLa cells were treated with TNF-α (50 ng/mL) at 37℃ for 6 hours and CHX (10 ng /mL) at 37℃ for 6 hours.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 30 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 20 s.



Western blot analysis of lysates from Mouse brain using GSDME (Full length+N terminal)Rabbit pAb (A7432SP) at 1:3000 dilution incubated at room temperature for 1.5 hours.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60 s.



Confocal imaging of frozen sections Mouse stomach tissue using GSDME (Full length+N terminal) Rabbit pAb (A7432SP, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.