



DFNA5/GSDME N-terminal Rabbit mAb

Catalog No	YP-rAb-17715
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB,IF,IP,ELISA
Gene Name	DFNA5 GSDME
Protein Name	Non-syndromic hearing impairment protein 5
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; IP 1:50-1:200;
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15° C to -25° C/1 year(Do not lower than -25° C)
Synonyms	DFNA5 ; ICERE1 ; Non-syndromic hearing impairment protein 5 ; Inversely correlated with estrogen receptor expression 1 ; ICERE-1
Observed Band	55kD
Calculated Molecular Weight	36kD,55kD
Cell Pathway	Membrane, Cytoplasm
Tissue Specificity	Expressed in cochlea (PubMed:9771715). Low level of expression in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas, with highest expression in placenta (PubMed:9771715).
Function	Disease:Defects in DFNA5 are the cause of non-syndromic sensorineural deafness autosomal dominant type 5 (DFNA5) [MIM:600994]. DFNA5 is a form of sensorineural hearing loss. Sensorineural deafness results from damage to the neural receptors of the inner ear, the nerve pathways to the brain, or the area of the brain that receives sound information.,similarity:Belongs to the gasdermin family.,tissue specificity:Expressed in cochlea. Low level of expression in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas, with highest expression in placenta.,
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

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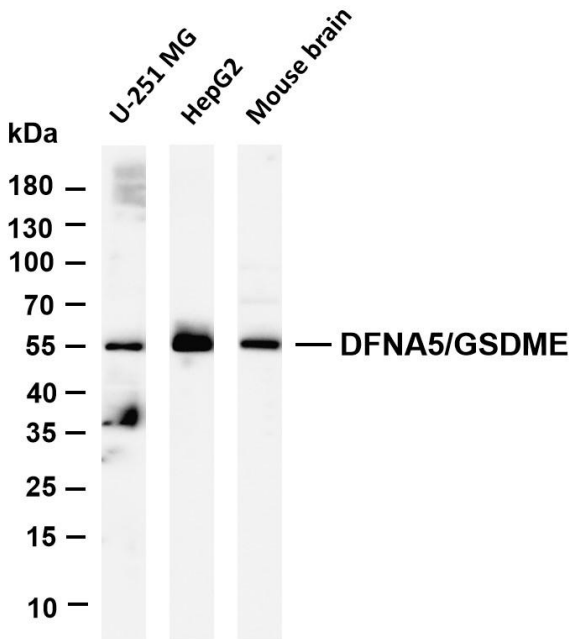
gene. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-DFNA5/GSDME antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: U-251 MG Lane 2: HepG2 Lane 3: Mouse brain Predicted band size: 55kDa Observed band size: 55kDa

