

DFNA5 Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP6842A**Specification**

DFNA5 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O60443
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	59-87

DFNA5 Antibody (N-term) - Additional Information**Gene ID** 1687**Other Names**

Non-syndromic hearing impairment protein 5, Inversely correlated with estrogen receptor expression 1, ICERE-1, DFNA5, ICERE1

Target/Specificity

This DFNA5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 59-87 amino acids from the N-terminal region of human DFNA5.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

DFNA5 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

DFNA5 Antibody (N-term) - Protein Information**Name** GSDME {ECO:0000303|PubMed:28459430, ECO:0000312|HGNC:HGNC:2810}**Function** [Gasdermin-E]: Precursor of a pore-forming protein that converts non-inflammatory apoptosis to pyroptosis (PubMed:[27281216](#), PubMed:[28459430](#), PubMed:[33852854](#),

PubMed:[35594856](#), PubMed:[36607699](#)). This form constitutes the precursor of the pore-forming protein: upon cleavage, the released N-terminal moiety (Gasdermin-E, N-terminal) binds to membranes and forms pores, triggering pyroptosis (PubMed:[28459430](#)).

Cellular Location

[Gasdermin-E, N-terminal]: Cell membrane; Multi-pass membrane protein
{ECO:0000250|UniProtKB:Q5Y4Y6}

Tissue Location

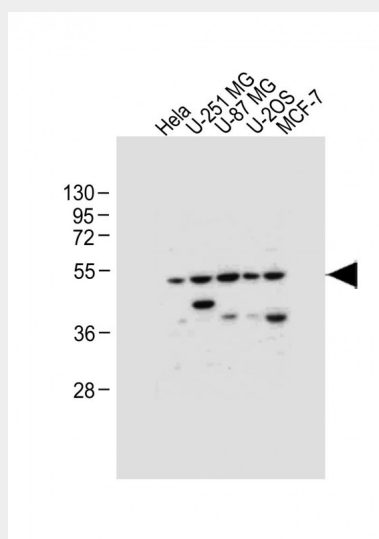
Expressed in cochlea (PubMed:9771715). Low level of expression in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas, with highest expression in placenta (PubMed:9771715).

DFNA5 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DFNA5 Antibody (N-term) - Images



All lanes : Anti-DFNA5 Antibody (N-term) at 1:1000 dilution Lane 1: HeLa whole cell lysate Lane 2: U-251 MG whole cell lysate Lane 3: U-87 MG whole cell lysate Lane 4: U-2OS whole cell lysate Lane 5: MCF-7 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 55 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

DFNA5 Antibody (N-term) - Background

Hearing impairment is a heterogeneous condition with over 40 loci described. DFNA5 is expressed

in fetal cochlea, however, its function is not known.

DFNA5 Antibody (N-term) - References

Cheng,J., et.al., Clin. Genet. 72 (5), 471-477 (2007)