

DFNA5 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51164**Specification**

DFNA5 Antibody - Product Information

Application	WB, E
Primary Accession	O60443
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54 KDa

DFNA5 Antibody - Additional Information**Gene ID** 1687**Other Names**

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

Dilution

WB~~1:1000

E~~N/A

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

DFNA5 Antibody - 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 - 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 - Images**DFNA5 Antibody - Background**

Involved in apoptosis and cell survival. Plays a role in the TP53-regulated cellular response to DNA damage probably by cooperating with TP53.

DFNA5 Antibody - References

Van Laer L.,et al.Nat. Genet. 20:194-197(1998).
Van Laer L.,et al.Submitted (JUN-1998) to the EMBL/GenBank/DDBJ databases.
Mei G.,et al.Submitted (FEB-1999) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hillier L.W.,et al.Nature 424:157-164(2003).