

DFNA5 Polyclonal Antibody
Catalog # AP73229**Specification****DFNA5 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	O60443
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal

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

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

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

DFNA5 Polyclonal 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

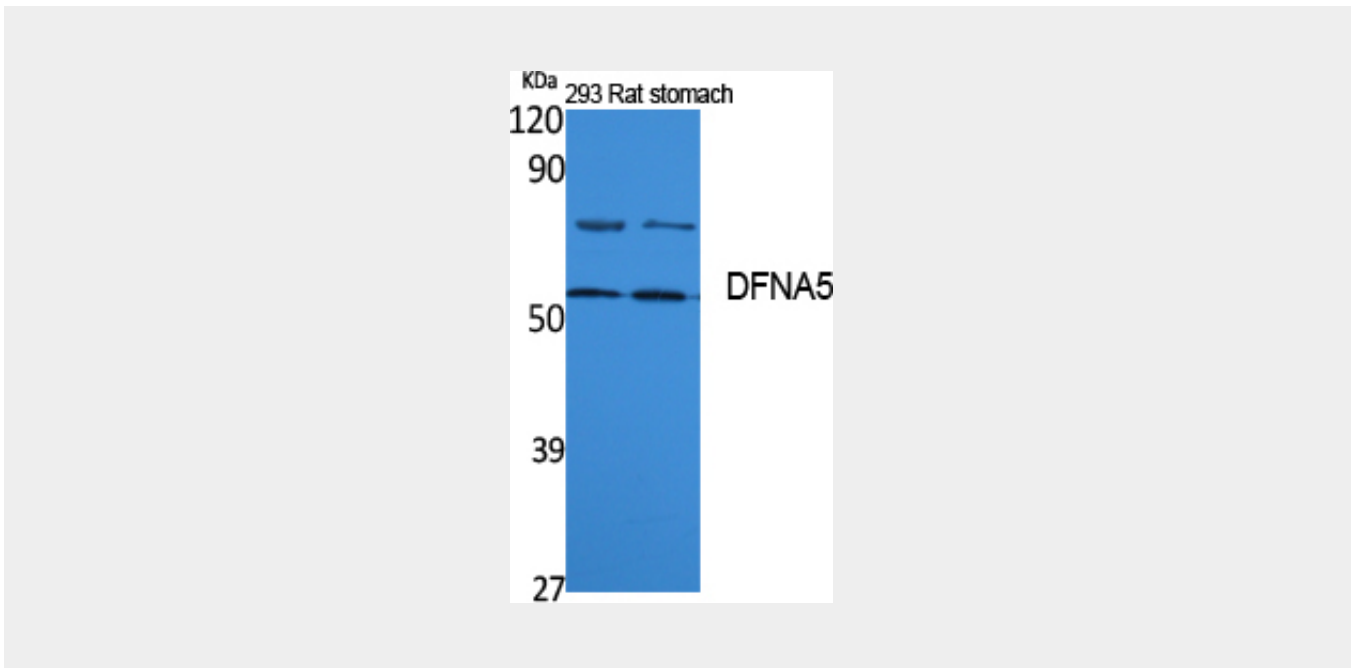
Expressed in cochlea (PubMed:9771715). Low level of expression in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas, with highest expression in placenta (PubMed:9771715).

DFNA5 Polyclonal 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 Polyclonal Antibody - Images



DFNA5 Polyclonal Antibody - Background

Plays a role in the TP53-regulated cellular response to DNA damage probably by cooperating with TP53 (PubMed:16897187, PubMed:18223688).