

# DFNA5 Polyclonal Antibody

Catalog # AP73229

## Product Information

Application	WB
Primary Accession	<a href="#">O60443</a>
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54555

## 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

## Protein Information

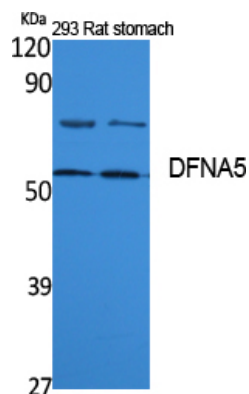
Name	GSDME {ECO:0000303   PubMed:28459430, ECO:0000312   HGNC:HGNC:2810}
Function	[Gasdermin-E]: Precursor of a pore-forming protein that converts non-inflammatory apoptosis to pyroptosis (PubMed: <a href="#">27281216</a> , PubMed: <a href="#">28459430</a> , PubMed: <a href="#">33852854</a> , PubMed: <a href="#">35594856</a> , PubMed: <a href="#">36607699</a> ). 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: <a href="#">28459430</a> ).
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).

## Background

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

## Images

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Western Blot analysis of extracts from rat stomach, 293 cells, using DFNA5 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.