

# Anti-DFNA5 Antibody (Internal)

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS17405

## Product Information

|                       |                        |
|-----------------------|------------------------|
| Application           | WB, IHC-P              |
| Primary Accession     | <a href="#">O60443</a> |
| Predicted             | Human, Mouse, Rat      |
| Host                  | Rabbit                 |
| Clonality             | Polyclonal             |
| Calculated MW         | 54555                  |
| Concentration (mg/ml) | 1 mg/ml                |

## Additional Information

|                          |                                                                                                                  |
|--------------------------|------------------------------------------------------------------------------------------------------------------|
| Gene ID                  | 1687                                                                                                             |
| Alias Symbol             | DFNA5                                                                                                            |
| Other Names              | DFNA5, ICERE-1, Deafness, autosomal dominant 5, ICERE1                                                           |
| Target/Specificity       | Recognizes endogenous levels of DFNA5 protein.                                                                   |
| Reconstitution & Storage | PBS, pH 7.3, 0.01% sodium azide, 30% glycerol. Store at -20°C. Aliquot to avoid freeze/thaw cycles.              |
| Precautions              | Anti-DFNA5 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures. |

## 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).                                                                                                                                                                                                                                                                                                                                 |

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