

Product Name: DFNA5 Rabbit Polyclonal Antibody
Catalog #: APRab09934



Summary

| | |
|------------------------|----------------------------------|
| Production Name | DFNA5 Rabbit Polyclonal Antibody |
| Description | Rabbit Polyclonal Antibody |
| Host | Rabbit |
| Application | WB |
| Reactivity | Human,Rat |

Performance

| | |
|---------------------|--|
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Polyclonal |
| Form | Liquid |
| Storage | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| Buffer | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N. |
| Purification | Affinity purification |

Immunogen

| | |
|--------------------------|--|
| Gene Name | DFNA5 |
| Alternative Names | DFNA5; ICERE1; Non-syndromic hearing impairment protein 5; Inversely correlated with estrogen receptor expression 1; ICERE-1 |
| Gene ID | 1687.0 |
| SwissProt ID | O60443.Synthesized peptide derived from DFNA5 . at AA range: 200-280 |

Application

| | |
|-------------------------|----------------------------------|
| Dilution Ratio | WB 1:500-1:2000. ELISA: 1:40000. |
| Molecular Weight | 54kD |

Background

Hearing impairment is a heterogeneous condition with over 40 loci described. The protein encoded by this gene is

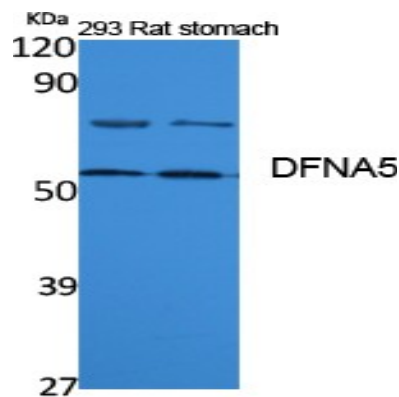
Product Name: DFNA5 Rabbit Polyclonal Antibody
Catalog #: APRab09934



expressed in fetal cochlea, however, its function is not known. Nonsyndromic hearing impairment is associated with a mutation in this gene. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],disease:Defects in DFNA5 are the cause of non-syndromic sensorineural deafness autosomal dominant type 5 (DFNA5) [MIM:600994]. DFNA5 is a form of sensorineural hearing loss. Sensorineural deafness results from damage to the neural receptors of the inner ear, the nerve pathways to the brain, or the area of the brain that receives sound information.,similarity:Belongs to the gasdermin family.,tissue specificity:Expressed in cochlea. Low level of expression in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas, with highest expression in placenta.,

Research Area

Image Data



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

Note

For research use only.