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# GIPC3 Rabbit pAb

Catalog # AP96782

## Product Information

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| **Application** | WB |
| **Primary Accession** | Q8TF64 |
| **Other Accession** | Q8TF64 |
| **Reactivity** | Human |
| **Predicted** | Rat, Mouse, Dog |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 33982 |
| **Physical State** | Liquid |
| **Immunogen** | KLH conjugated synthetic peptide derived from human GIPC3 |
| **Epitope Specificity** | 151-250/312 |
| **Isotype** | IgG |
| **Purity** | affinity purified by Protein A |
| **Buffer** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. |
| **SIMILARITY** | Belongs to the GIPC family. Contains 1 PDZ (DHR) domain. |
| **DISEASE** | Deafness, autosomal recessive, 15 (DFNB15) [MIM:601869]: A form of non-syndromic sensorineural hearing loss with prelingual onset. 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. Note=The disease is caused by mutations affecting the gene represented in this entry. |
| **Important Note** | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |
| **Background Descriptions** | The protein encoded by this gene belongs to the GIPC family. Studies in mice suggest that this gene is required for postnatal maturation of the hair bundle and long-term survival of hair cells and spiral ganglion in the ear. Mutations in this gene are associated with autosomal recessive deafness. [provided by RefSeq, Dec 2011] |

## Additional Information

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| **Gene ID** | 126326 |
| **Other Names** | C19orf64; DFNB15; DFNB72; DFNB95; GIPC3_HUMAN; GIPC3; GIPC PDZ domain containing family member 3; chromosome 19 open reading frame 64; deafness, autosomal recessive 72; deafness, autosomal recessive 15; GIPC PDZ domain containing family, member 3 |
| **Dilution** | WB=1:500-2000 |
| **Storage** | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

## Protein Information

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| **Name** | GIPC3 |
| **Synonyms** | C19orf64 |
| **Function** | Required for postnatal maturation of the hair bundle and long-term survival of hair cells and spiral ganglion. |
| **Tissue Location** | Widely expressed in adult and fetal tissues. Highest levels are found in jejunum, lymph node, parietal lobe, fetal spleen and fetal thymus. Expressed in cervical, melanoma, chronic myelogenous and gastric cancer cell lines |

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