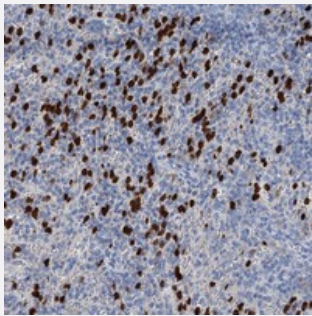


# OTOA polyclonal antibody

Catalog # PAB23799      Size 100 uL

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human spleen with OTOA polyclonal antibody (Cat # PAB23799) shows strong cytoplasmic positivity in cells of red pulp at 1:50-1:200 dilution.

## Specification

|                     |   |
|---------------------|---|
| Product Description | Rabbit polyclonal antibody raised against recombinant OTOA.   |
| Immunogen           | Recombinant protein corresponding to amino acids of human OTOA.   |
| Sequence            | RCMEEDTFIRTVELLGAVQGFSRPQLMTLKEKAIQVWDMPSYWREHHIVSLGRIALALNESELEQL<br>DLSSIDTVASLSWQTEWTP               |
| Host                | Rabbit  |
| Reactivity          | Human   |
| Form                | Liquid  |
| Purification        | Antigen affinity purification   |
| Isotype             | IgG   |
| Recommend Usage     | Immunohistochemistry (1:50-1:200)<br>The optimal working dilution should be determined by the end user. |
| Storage Buffer      | In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)   |

**Storage Instruction**

Store at 4°C. For long term storage store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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## Gene Info — OTOA

**Entrez GeneID**[146183](#)**Protein Accession#**[Q7RTW8](#)**Gene Name**

OTOA

**Gene Alias**

DFNB22, FLJ32773, MGC157747, MGC39813

**Gene Description**

otoancorin

**Omim ID**[607038](#) [607039](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is specifically expressed in the inner ear, and is located at the interface between the apical surface of the inner ear sensory epithelia and their overlying acellular gels. It is proposed that this protein is involved in the attachment of the inner ear acellular gels to the apical surface of the underlying nonsensory cells. Mutations in this gene are associated with autosomal recessive deafness type 22 (DFNB22). Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations**

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## Disease

- [Tobacco Use Disorder](#)