**Product datasheet**

**Anti-SLC26A4 antibody ab98091**

![Rating](https://example.com/rating.png)

**Overview**

- **Product name**: Anti-SLC26A4 antibody
- **Description**: Rabbit polyclonal to SLC26A4
- **Host species**: Rabbit
- **Tested applications**: Suitable for: IHC-P, WB
- **Species reactivity**: Reacts with: Human
  Predicted to work with: Mouse, Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Cat, Dog
- **Immunogen**: Synthetic peptide corresponding to a region within internal amino acids 287-336 (ELNDRFRHKIPVPIPIEVITIIATAISYGANLEKNYNAGIVKSIPRGFL) of Human SLC26A4 (NP_000432).
- **Positive control**: COLO205 cell lysate

**Properties**

- **Form**: Liquid
- **Storage instructions**: Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
- **Storage buffer**: Preservative: 0.09% Sodium azide
  Constituents: 2% Sucrose, PBS
- **Purity**: Immunogen affinity purified
- **Clonality**: Polyclonal
- **Isotype**: IgG

**Applications**

Our Abpromise guarantee covers the use of ab98091 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>IHC-P</td>
<td><a href="https://example.com/rating.png">Rating</a></td>
<td>Use a concentration of 5 µg/ml.</td>
</tr>
<tr>
<td>Application</td>
<td>Abreviews</td>
<td>Notes</td>
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<tr>
<td>WB</td>
<td></td>
<td>Use a concentration of 1 µg/ml. Predicted molecular weight: 86 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.</td>
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</tbody>
</table>

**Target**

**Function**  
Sodium-independent transporter of chloride and iodide.

**Tissue specificity**  
High expression in adult thyroid, lower expression in adult and fetal kidney and fetal brain. Not expressed in other tissues.

**Involvement in disease**  
Pendred syndrome  
Deafness, autosomal recessive, 4

**Sequence similarities**  
Belongs to the SLC26A/SulP transporter (TC 2.A.53) family.  
Contains 1 STAS domain.

**Cellular localization**  

**Images**

Anti-SLC26A4 antibody (ab98091) at 1 µg/ml (in 5% skim milk / PBS buffer) + COLO205 cell lysate at 10 µg

**Predicted band size:** 86 kDa

Gel concentration: 12%
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human placenta tissue labeling SLC26A4 using ab98091 at 5µg/ml.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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