

**SLC26A4 Antibody (C-Term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21644b****Specification**

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**SLC26A4 Antibody (C-Term) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB,E                   |
| Primary Accession | <a href="#">O43511</a> |
| Reactivity        | Human, Rat             |
| Host              | Rabbit                 |
| Clonality         | polyclonal             |
| Isotype           | Rabbit IgG             |
| Calculated MW     | 85723                  |

**SLC26A4 Antibody (C-Term) - Additional Information****Gene ID** 5172**Other Names**

Pendrin, Sodium-independent chloride/iodide transporter, Solute carrier family 26 member 4, SLC26A4, PDS

**Target/Specificity**

This SLC26A4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 553-587 amino acids from human SLC26A4.

**Dilution**

WB~~1:2000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

SLC26A4 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**SLC26A4 Antibody (C-Term) - Protein Information****Name** SLC26A4**Synonyms** PDS

**Function** Sodium-independent transporter of chloride and iodide (PubMed:[10192399](#), PubMed:[11932316](#), PubMed:[12107249](#), PubMed:[16684826](#), PubMed:[24051746](#)). Mediates electroneutral chloride-bicarbonate, chloride-iodide and chloride-formate exchange with 1:1 stoichiometry (PubMed:[10644529](#), PubMed:[15155570](#), PubMed:[24051746](#), PubMed:[35601831](#)). Mediates electroneutral iodide-bicarbonate exchange (By similarity).

#### Cellular Location

Cell membrane; Multi-pass membrane protein. Apical cell membrane; Multi-pass membrane protein

#### Tissue Location

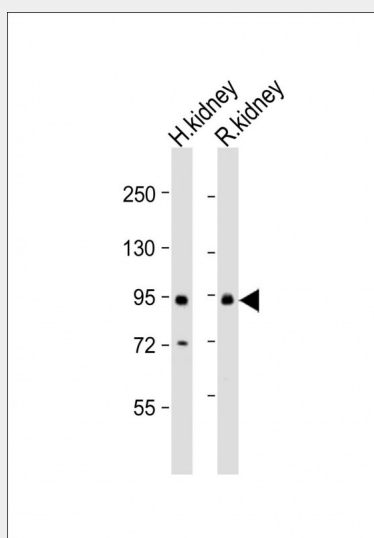
Highly expressed in the kidney (at protein level) (PubMed:11274445). High expression in adult thyroid, lower expression in adult and fetal kidney and fetal brain. Not expressed in other tissues (PubMed:9398842).

### SLC26A4 Antibody (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### SLC26A4 Antibody (C-Term) - Images



All lanes : Anti-SLC26A4 Antibody (C-Term) at 1:2000 dilution Lane 1: human kidney lysate Lane 2: rat kidney lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 86 kDa Blocking/Dilution buffer: 5% NFD/MTBST.

### SLC26A4 Antibody (C-Term) - Background

Sodium-independent transporter of chloride and iodide.

**SLC26A4 Antibody (C-Term) - References**

Everett L.A., et al. Nat. Genet. 17:411-422(1997).  
Ota T., et al. Nat. Genet. 36:40-45(2004).  
Hillier L.W., et al. Nature 424:157-164(2003).  
Scott D.A., et al. Nat. Genet. 21:440-443(1999).  
van Hauwe P., et al. Hum. Mol. Genet. 7:1099-1104(1998).