

# SLC26A4 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP21644b

#### **Product Information**

Application WB, E Primary Accession 043511

**Reactivity** Human, Rat, Mouse

Host Rabbit
Clonality polyclonal
Isotype Rabbit IgG
Clone Names RB53308
Calculated MW 85723

### **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.

### **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).

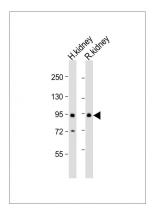
## **Background**

Sodium-independent transporter of chloride and iodide.

### 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).

## **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% NFDM/TBST.

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