

SLC26A4 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21644b

Product Information

Application	WB, E
Primary Accession	O43511
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).

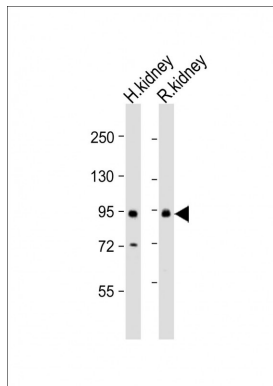
Background

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'.