10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

SLC26A4 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21644b

Product Information

Application	WB, E
Primary Accession	O43511
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Canine, Rabbit, Chicken
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).

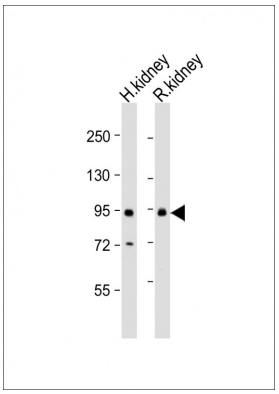
Background

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'.