

Rabbit SLC26A4 Polyclonal Antibody | anti-SLC26A4 antibody

SLC26A4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329000	Rabbit	Human, Mouse, Rat Predicted Reactivity: Pig(86%), Bovine(86%), Sheep(86%), Rabbit(86%), Dog(100%)	ELISA

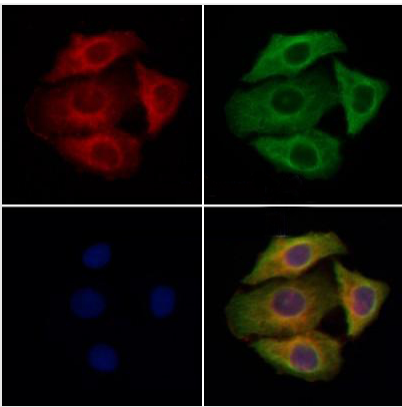
PRODUCT SYNONYMS

SLC26A4; Polyclonal Antibody; SLC26A4 Antibody; deafness; autosomal recessive 4; DFNB4; EVA; NSRD4; PDS; Pendred syndrome; Pendred syndrome homolog; Pendrin; S26A4_HUMAN; Sodium independent chloride/iodide transporter; Sodium-independent chloride/iodide transporter; Solute carrier family 26 member 4; anti-SLC26A4 antibody

PRODUCT SPECIFICATIONS

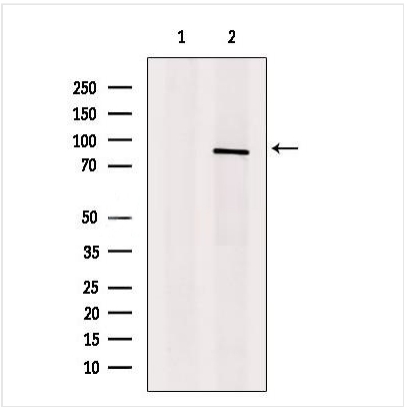
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig(86%), Bovine(86%), Sheep(86%), Rabbit(86%), Dog(100%)
Clonality	Polyclonal
Isotype	IgG
Specificity	SLC26A4 Antibody detects endogenous levels of total SLC26A4.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	780
Applicable Applications for anti-SLC26A4 antibody	ELISA
Immunogen	A synthesized peptide derived from human SLC26A4, corresponding to a region within the internal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA329000 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA329000 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



WB (Western Blot)

Western blot analysis of extracts from Rat brain, using SLC26A4 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC26A4 antibody	Function: Sodium-independent transporter of chloride and iodide.
	Subcellular Location: Membrane>Multi-pass membrane protein. Cell membrane>Multi-pass membrane protein.
	Note: Localizes to the apical brush border of cells in the cortical collecting ducts of the kidney.
	Tissue Specificity: High expression in adult thyroid, lower expression in adult and fetal kidney and fetal brain. Not expressed in other tissues.
	Similarity: Belongs to the SLC26A/Sulp transporter (TC 2.A.53) family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505697
NCBI GeneID	5172
NCBI Accession #	NP_000432.1
NCBI GenBank Nucleotide #	NP_000432.1
UniProt Accession #	O43511
Molecular Weight	Observed Molecular Weight: (Observed)85kD. Predicted Molecular Weight: (Calculated)86kDa.
NCBI Official Full Name	pendrin
NCBI Official Synonym Full Names	solute carrier family 26 member 4
NCBI Official Symbol	SLC26A4
NCBI Official Synonym Symbols	EVA; PDS; DFNB4; TDH2B
NCBI Protein Information	pendrin
UniProt Protein Name	Pendrin
UniProt Gene Name	SLC26A4
UniProt Synonym Gene Names	PDS

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/slc26a4-antibody-elisa/329000>