

Rabbit anti-Human SLC26A4 Polyclonal Antibody | anti-SLC26A4 antibody

SLC26A4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA27002	Rabbit	Human	ELISA, Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

SLC26A4; Polyclonal Antibody; SLC26A4 Antibody; Pendrin; Sodium-independent chloride/iodide transporter; Solute carrier family 26 member 4; PDS; anti-SLC26A4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid Buffer: Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Sequence Length	780
Applicable Applications for anti-SLC26A4 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	Recommended Dilutions: WB: 1:500-1:5000 IHC: 1:500-1:1000 IF: 1:50-1:200
Immunogen	Recombinant Human Pendrin protein (592-655AA)
Immunogen Species	Homo sapiens (Human)
Conjugation	Non-conjugated
Research Area	Neuroscience
Target Names	SLC26A4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



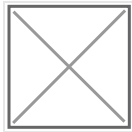
IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA27002 at 1:166, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA27002 diluted at 1:500 and staining in paraffin-embedded human melanoma cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western Blot Positive WB detected in: U87 whole cell lysate, SH-SY5Y whole cell lysate, 293T whole cell lysate, 293 whole cell lysate, COLO320 whole cell lysate All lanes: SLC26A4 antibody at 5.7ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 86, 40 KDa Observed band size: 86 KDa

ADDITIONAL INFORMATION

Product Categories/Family for anti-SLC26A4 antibody Neuroscience; Cancer; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505697
NCBI GeneID	5172
NCBI Accession #	NP_000432.1
NCBI GenBank Nucleotide #	NM_000441.1
UniProt Accession #	O43511; O43170; B7Z266
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://stage.aaabiotech.com/polyclonal/slc26a4-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/27002>