

Rabbit SLC26A5 Polyclonal Antibody | anti-SLC26A5 antibody

SLC26A5 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199388	Rabbit	Predicted: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat Tested: Human	Western Blot, Immunohistochemistry

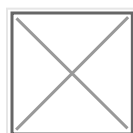
PRODUCT SYNONYMS

SLC26A5; Polyclonal Antibody; SLC26A5 antibody - middle region; anti-SLC26A5 antibody

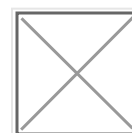
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Predicted: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat Tested: Human
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: FS VTISMAKTLA NKHGYQVDGN QELIALGLCN SIGSLFQTFS ISCSLSRS
Sequence Length	744
Applicable Applications for anti-SLC26A5 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SLC26A5
Protein Size	744 amino acids
Preparation and Storage	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Antibody Titration: 2.5 ug/ml Positive Control: HepG2


IHC (Immunohistochemistry)

Human Lung

ADDITIONAL INFORMATION

Related Product Information for anti-SLC26A5 antibody	This is a rabbit polyclonal antibody against SLC26A5. It was validated on Western Blot and immunohistochemistry Target Description: SLC26A5 is a member of the SLC26A/SulP transporter family. SLC26A5 is specifically expressed in outer hair cells (OHCs) of the cochlea and is essential in auditory processing. Intracellular anions are thought to act as extrinsic voltage sensors, which bind to this protein and trigger the conformational changes required for rapid length changes in OHCs. Mutations in its gene have been associated with non-syndromic hearing loss. This gene is a member of the SLC26A/SulP transporter family. It encodes a protein that is specifically expressed in outer hair cells (OHCs) of the cochlea and is essential in auditory processing. Intracellular anions are thought to act as extrinsic voltage sensors, which bind to this protein and trigger the conformational changes required for rapid length changes in OHCs. Mutations in this gene have been associated with non-syndromic hearing loss. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
Product Categories/Family for anti-SLC26A5 antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Developmental Biology; Immunohistochemistry; Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	39752683
NCBI GeneID	375611
NCBI Accession #	NP_945350
NCBI GenBank Nucleotide #	NM_198999
UniProt Accession #	P58743
Molecular Weight	81kDa
NCBI Official Full Name	prestin isoform a
NCBI Official Synonym Full Names	solute carrier family 26 member 5
NCBI Official Symbol	SLC26A5
NCBI Official Synonym Symbols	PRES; DFNB61
NCBI Protein Information	prestin
UniProt Protein Name	Prestin
UniProt Gene Name	SLC26A5
UniProt Synonym Gene Names	PRES

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/slc26a5-antibody-western-blot-immunohistochemistry-elisa/199388>