

SLC26A4 rabbit monoclonal antibody

Catalog # H00005172-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SLC26A4 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SLC26A4 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human SLC26A4 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — SLC26A4

Entrez GeneID	5172
GeneBank Accession#	SLC26A4
Gene Name	SLC26A4
Gene Alias	DFNB4, EVA, PDS
Gene Description	solute carrier family 26, member 4
Omim ID	274600 600791 605646
Gene Ontology	Hyperlink
Gene Summary	Mutations in this gene are associated with Pendred syndrome, the most common form of syndromic deafness, an autosomal-recessive disease. It is highly homologous to the SLC26A3 gene; they have similar genomic structures and this gene is located 3' of the SLC26A3 gene. The encoded protein has homology to sulfate transporters. [provided by RefSeq]
Other Designations	pendrin

Disease

- [Auditory Threshold](#)
- [Autoimmune Diseases](#)
- [Bone Conduction](#)
- [Deafness](#)
- [Functional Laterality](#)
- [Genetic Predisposition to Disease](#)
- [Goiter](#)
- [Hearing Loss](#)
- [HIV Infections](#)
- [Pendred syndrome](#)

- [Presbycusis](#)
- [Speech Perception](#)
- [Syndrome](#)
- [Thyroid Diseases](#)
- [Thyroid Neoplasms](#)
- [Vertigo](#)