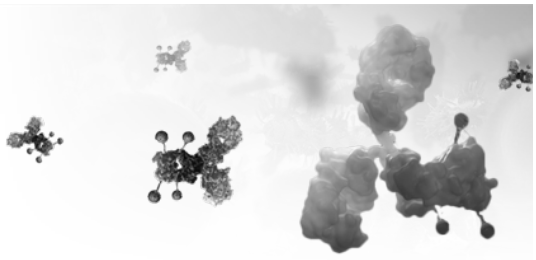

Anti-SLC26A4 (aa 674-754) polyclonal antibody (DPAB-DC2201)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	SLC26A4 (NP_000432, 674 a.a. ~ 754 a.a) partial recombinant protein with GST tag. The sequence is RSLRVIVKEFQRIDVNVYFASLQDYVIEKLEQCGFFDDNIRKDTFFLTVHDAILYLQNQV KSQEGQGSILETITLIQDCKD
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	SLC26A4 solute carrier family 26 (anion exchanger), member 4 [Homo sapiens (human)]

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Official Symbol	SLC26A4
Synonyms	SLC26A4; solute carrier family 26 (anion exchanger), member 4; EVA; PDS; DFNB4; TDH2B; pendrin; solute carrier family 26, member 4; sodium-independent chloride/iodide transporter;
Entrez Gene ID	5172
Protein Refseq	NP_000432
UniProt ID	O43511
Chromosome Location	7q31
Pathway	Multifunctional anion exchangers; Thyroid hormone synthesis; Transport of inorganic cations/anions and amino acids/oligopeptides;
Function	chloride transmembrane transporter activity; iodide transmembrane transporter activity; secondary active sulfate transmembrane transporter activity; sulfate transmembrane transporter activity

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