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SLC26A3 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI10251

Product Information

Application	WB
Primary Accession	P40879
Other Accession	NM_000111, NP_000102
Reactivity	Human, Mouse, Rat, Pig, Dog, Bovine, Sheep
Predicted	Human, Mouse, Pig, Dog, Guinea Pig, Bovine, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	84505

Additional Information

Gene ID	1811
Alias Symbol	CLD, DRA
Other Names	Chloride anion exchanger, Down-regulated in adenoma, Protein DRA, Solute carrier family 26 member 3, SLC26A3, DRA
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-SLC26A3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	SLC26A3 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SLC26A3
Synonyms	DRA
Function	Mediates chloride-bicarbonate exchange with a chloride bicarbonate stoichiometry of 2:1 in the intestinal epithelia (PubMed:16606687, PubMed:19321737, PubMed:22159084, PubMed:22627094). Plays a role in the chloride and bicarbonate homeostasis during sperm epididymal maturation and capacitation (By similarity).
Cellular Location	Apical cell membrane; Multi-pass membrane protein. Membrane {ECO:0000250|UniProtKB:Q9WVC8}; Multi-pass membrane protein. Cell

	membrane; Multi-pass membrane protein. Note=Localized in sperm membranes Midpiece of sperm tail. Colocalizes with CFTR at the midpiece of sperm tail (By similarity). {ECO:0000250|UniProtKB:Q9WVC8}
Tissue Location	Expressed in the colon. Expression is significantly decreased in adenomas (polyps) and adenocarcinomas of the colon

References

Dorwart,M.R., (2008) J. Biol. Chem. 283 (13), 8711-8722 Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images

