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SLC4A4 variant A Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54259

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9Y6R1
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	121461

Additional Information

Gene ID	8671
Other Names	Electrogenic sodium bicarbonate cotransporter 1, Sodium bicarbonate cotransporter, Na(+)/HCO3(-) cotransporter, Solute carrier family 4 member 4, kNBC1, SLC4A4, NBC, NBC1, NBCE1
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	SLC4A4
Synonyms	NBC, NBC1, NBCE1
Function	Electrogenic sodium/bicarbonate cotransporter with a Na(+):HCO3(-) stoichiometry varying from 1:2 to 1:3. May regulate bicarbonate influx/efflux at the basolateral membrane of cells and regulate intracellular pH.
Cellular Location	Basolateral cell membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein
Tissue Location	[Isoform 1]: Expressed in the corneal endothelium cells (at protein level). Expressed in pancreas and to a lower extent in heart, skeletal muscle, liver, parotid salivary glands, prostate, colon, stomach, thyroid, brain and spinal cord

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.