

SLC4A4 variant A Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP54259

Product Information

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

Additional Information

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| Gene ID | 8671 |
| Other Names | Electrogenic sodium bicarbonate cotransporter 1, Sodium bicarbonate cotransporter, Na(+)/HCO ₃ (-) 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 |
| Format | 0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce |
| 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

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|--------------------------|---|
| Name | SLC4A4 |
| Synonyms | NBC, NBC1, NBCE1 |
| Function | Electrogenic sodium/bicarbonate cotransporter with a Na(+):HCO ₃ (-) 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'.