Anti-Human SLC4A11 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA02289

3th Edition

Description: This gene encodes a voltage-regulated, electrogenic sodium-coupled borate cotransporter that is essential for borate homeostasis, cell growth and cell proliferation. Mutations in this gene have been associated with a number of endothelial corneal dystrophies including recessive corneal endothelial dystrophy 2, corneal dystrophy and perceptive deafness, and Fuchs endothelial corneal dystrophy. Multiple transcript variants encoding different isoforms have been described.SLC4A11 (Solute Carrier Family 4 Member 11) is a Protein Coding gene. Diseases associated with SLC4A11 include Corneal Endothelial Dystrophy 2, Autosomal Recessive and Corneal Endothelial Dystrophy And Perceptive Deafness. GO annotations related to this gene include transporter activity and symporter activity. An important paralog of this gene is SLC4A3.

Antigen: Synthesized peptide derived from the Internal region of human BTR1

Form:

How to use:1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution:PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Widely expressed. Highly expressed in kidney, testis, salivary gland, thyroid, trachea and corneal endothelium. Not detected in retina and lymphocytes.