



BTR1 rabbit pAb

Cat No.:ES1799

For research use only

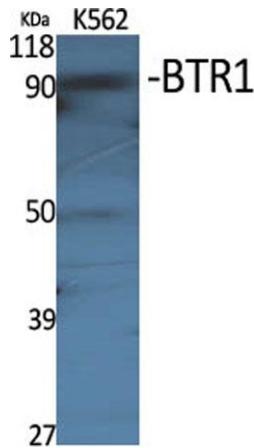
Overview

Product Name	BTR1 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human SLC4A11. AA range:291-340
Specificity	BTR1 Polyclonal Antibody detects endogenous levels of BTR1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Sodium bicarbonate transporter-like protein 11
Gene Name	SLC4A11
Cellular localization	Cell membrane ; Multi-pass membrane protein . Basolateral cell membrane ; Multi-pass membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	100kD
Human Gene ID	83959
Human Swiss-Prot Number	Q8NBS3
Alternative Names	SLC4A11; BTR1; Sodium bicarbonate transporter-like protein 11; Bicarbonate transporter-related protein 1; Sodium borate cotransporter 1; NaBC1; Solute carrier family 4 member 11
Background	This gene encodes a voltage-regulated, electrogenic sodium-coupled borate cotransporter that is

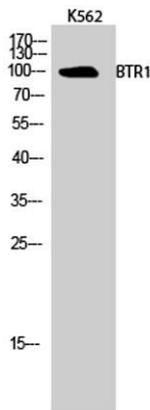




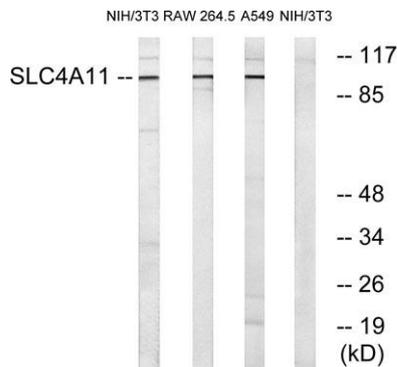
essential for borate homeostasis, cell growth and cell proliferation. Mutations in this gene have been associated with a number of endothelial corneal dystrophies including recessive corneal endothelial dystrophy 2, corneal dystrophy and perceptive deafness, and Fuchs endothelial corneal dystrophy. Multiple transcript variants encoding different isoforms have been described. [provided by RefSeq, Mar 2010],



Western Blot analysis of various cells using BTR1 Polyclonal Antibody



Western Blot analysis of K562 cells using BTR1 Polyclonal Antibody

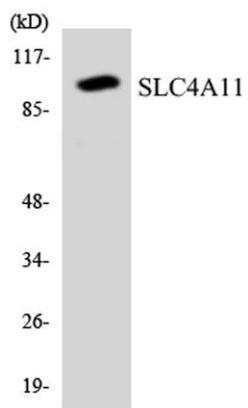


Western blot analysis of lysates from NIH/3T3, RAW264.7, and A549 cells, using SLC4A11 Antibody. The lane on the right is blocked with the synthesized peptide.





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Western blot analysis of the lysates from HT-29 cells using SLC4A11 antibody.



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