

产品名称: NHE-9 Rabbit Polyclonal Antibody
产品货号: AP Rab14688



产品概述 (Summary)

产品名称 (Production Name)	NHE-9 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	SLC9A9
别名 (Alternative Names)	SLC9A9; NHE9; Nbla00118; Sodium/hydrogen exchanger 9; Na(+)/H(+) exchanger 9; NHE-9; Solute carrier family 9 member 9
基因 ID (Gene ID)	285195.0
蛋白 ID (SwissProt ID)	Q8IVB4.The antiserum was produced against synthesized peptide derived from human SLC9A9. AA range:171-220

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	65kDa

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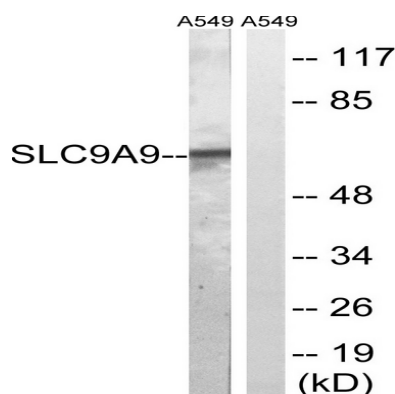


研究背景 (Background)

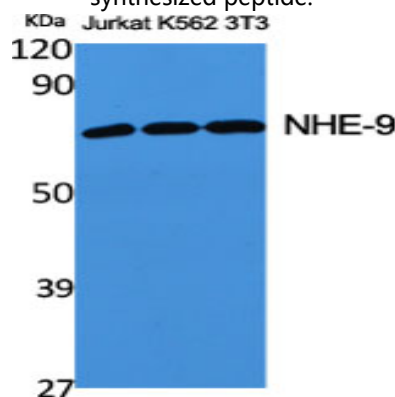
This gene encodes a sodium/proton exchanger that is a member of the solute carrier 9 protein family. The encoded protein localizes to the late recycling endosomes and may play an important role in maintaining cation homeostasis. Mutations in this gene are associated with autism susceptibility 16 and attention-deficit/hyperactivity disorder. [provided by RefSeq, Mar 2012], disease: A chromosomal aberration involving SLC9A9 may be a cause of early-onset behavioral/developmental disorder with features of attention deficit-hyperactivity disorder and intellectual disability (ADHD) [MIM:143465]. Inversion inv(3)(p14;q21). The inversion disrupts SLC9A9 and DOCK3., function: May act in electroneutral exchange of protons for Na(+) across membranes. Involved in the effusion of Golgi luminal H(+) in exchange for cytosolic cations. Involved in organelle ion homeostasis by contributing to the maintenance of the unique acidic pH values of the Golgi and post-Golgi compartments in the cell., similarity: Belongs to the monovalent cation:proton antiporter 1 (CPA1) transporter (TC 2.A.36) family., tissue specificity: Ubiquitously expressed in all tissues tested. Expressed at highest levels in heart and skeletal muscle, followed by placenta, kidney, and liver. Expressed in the brain, in the medulla and spinal cord.,

研究领域 (Research Area)

图片 (Image Data)



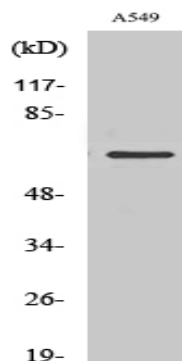
Western blot analysis of lysates from A549 cells, using SLC9A9 Antibody. The lane on the right is blocked with the synthesized peptide.



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Western Blot analysis of various cells using NHE-9 Polyclonal Antibody



Western Blot analysis of RAW264.7 cells using NHE-9 Polyclonal Antibody

注意事项 (Note)

For research use only .