

NHE-9 rabbit pAb**Cat#: orb765836 (Manual)**

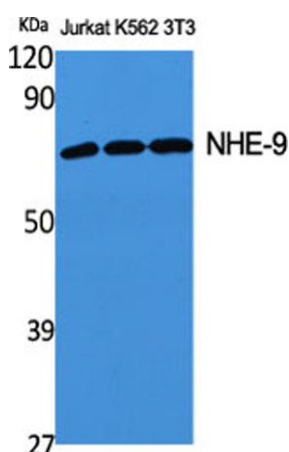
For research use only. Not intended for diagnostic use.

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|---------------------------------|---|
| Product Name | NHE-9 rabbit pAb |
| Host species | Rabbit |
| Applications | WB;ELISA |
| Species Cross-Reactivity | Human;Mouse |
| Recommended dilutions | Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications. |
| Immunogen | The antiserum was produced against synthesized peptide derived from human SLC9A9. AA range:171-220 |
| Specificity | NHE-9 Polyclonal Antibody detects endogenous levels of NHE-9 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/hydrogen exchanger 9 |
| Gene Name | SLC9A9 |
| Cellular localization | Late endosome membrane ; Multi-pass membrane protein . |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |

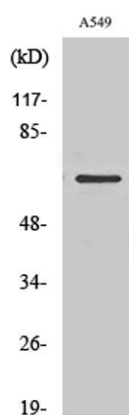
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|--------------------------------|---|
| Concentration | 1 mg/ml |
| Observed band | 65kD |
| Human Gene ID | 285195 |
| Human Swiss-Prot Number | Q8IVB4 |
| Alternative Names | SLC9A9; NHE9; Nbla00118; Sodium/hydrogen exchanger 9; Na(+)/H(+) exchanger 9; NHE-9; Solute carrier family 9 member 9 |

Background

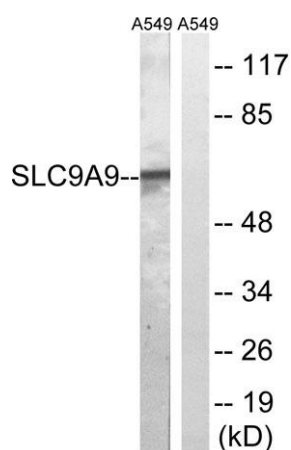
This gene encodes a sodium/proton exchanger that is a member of the solute carrier 9 protein family. The encoded protein localizes to the late recycling endosomes and may play an important role in maintaining cation homeostasis. Mutations in this gene are associated with autism susceptibility 16 and attention-deficit/hyperactivity disorder. [provided by RefSeq, Mar 2012],



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



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



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