

SLC24A4 Antibody

Catalog No: #35062



Package Size: #35062-1 50ul #35062-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

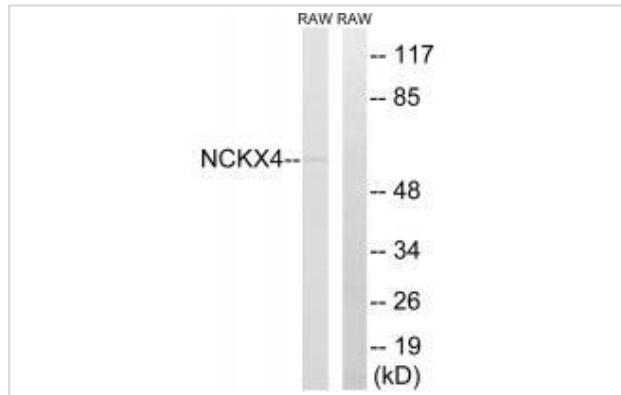
Description

| | |
|-----------------------|---|
| Product Name | SLC24A4 Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Applications | WB |
| Species Reactivity | Human;Mouse |
| Specificity | The antibody detects endogenous levels of total SLC24A4 protein. |
| Immunogen Type | Peptide |
| Immunogen Description | Synthesized peptide derived from internal of human SLC24A4. |
| Conjugates | Unconjugated |
| Target Name | SLC24A4 |
| Other Names | Na(+)/K(+)/Ca(2+)-exchange protein 4; NCKX4; sodium/potassium/calcium exchanger 4; solute carrier family 24 (sodium/potassium/calcium exchanger); mem |
| Accession No. | Swiss-Prot: Q8NFF2NCBI Gene ID: 123041 |
| SDS-PAGE MW | 60kd |
| Concentration | 1.0mg/ml |
| Formulation | Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage | Store at -20°C |

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from RAW264.7 cells, using SLC24A4 antibody #35062.

Background

Transports 1 Ca²⁺ and 1 K⁺ in exchange for 4 Na⁺. Controls the rapid response termination and proper regulation of adaptation in olfactory sensory neurons (OSNs) which subsequently influences how odor information is encoded and perceived. May play a role in calcium transport during amelogenesis By similarity.

Li X.-F., J. Biol. Chem. 277:48410-48417(2002).

Ota T., Nat. Genet. 36:40-45(2004).

Sulem P., Nat. Genet. 39:1443-1452(2007).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.