

## SLC9A3R1 RABBIT PAB

**Cat.#:** S221784

**Product Name:** Anti-SLC9A3R1 Rabbit Polyclonal Antibody

**Synonyms:** EBP50; NHERF; NHERF1; NHERF-1; NPHLOP2

**UNIPROT ID:** O14745 (Gene Accession - NP\_004243 )

**Background:** This gene encodes a sodium/hydrogen exchanger regulatory cofactor. The protein interacts with and regulates various proteins including the cystic fibrosis transmembrane conductance regulator and G-protein coupled receptors such as the beta2-adrenergic receptor and the parathyroid hormone 1 receptor. The protein also interacts with proteins that function as linkers between integral membrane and cytoskeletal proteins. The protein localizes to actin-rich structures including membrane ruffles, microvilli, and filopodia. Mutations in this gene result in hypophosphatemic nephrolithiasis/osteoporosis type 2, and loss of heterozygosity of this gene is implicated in breast cancer.

**Immunogen:** Synthetic peptide of human SLC9A3R1

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: Oct-50; ELISA: 500-1000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

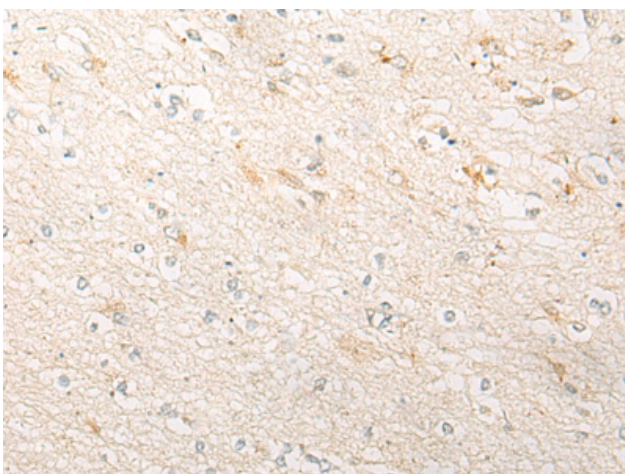
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

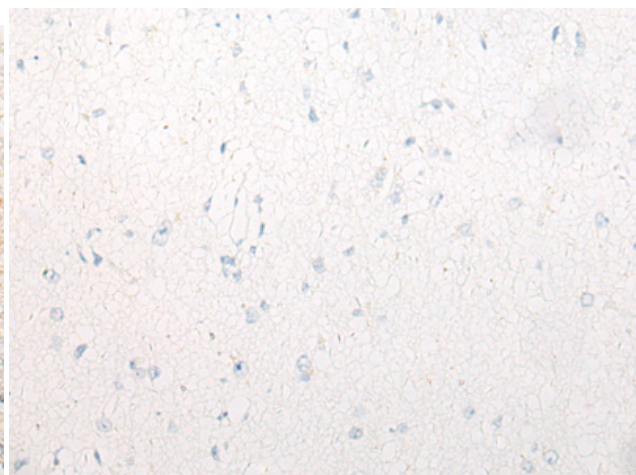
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction, Immunology

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human brain tissue using 221784(SLC9A3R1 Antibody) at a dilution of 1/25(Cytoplasm and Cell membrane).



In comparison with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with the synthetic peptide and then with 221784(Anti-SLC9A3R1 Antibody) at dilution 1/25.



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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