## **SLC7A9 Polyclonal Antibody**

Catalog Number: E-AB-64349



Note: Centrifuge before opening to ensure complete recovery of vial contents.

### **Description**

Reactivity Human, Mouse, Rat

**Immunogen** Recombinant fusion protein of human SLC7A9 (NP\_055085.1).

Host Rabbit
Isotype IgG

**Purification** Affinity purification

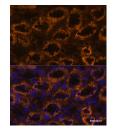
**Conjugation** Unconjugated

**Formulation** PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

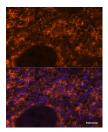
**Applications** Recommended Dilution

**IF** 1:50-1:200

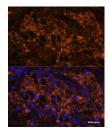
### Data



Immunofluorescence analysis of Rat kidney using SLC7A9 Polyclonal Antibody at dilution of 1:100.
Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Human kidney cancer using SLC7A9 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Human kidney cancer using SLC7A9 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

# **Preparation & Storage**

Storage Store at -20°C. Avoid freeze / thaw cycles.

### **Background**

This gene encodes a protein that belongs to a family of light subunits of amino acid transporters. This protein plays a role in the high-affinity and sodium-independent transport of cystine and neutral and dibasic amino acids, and appears to function in the reabsorption of cystine in the kidney tubule. Mutations in this gene cause non-type I cystinuria, a disease that leads to cystine stones in the urinary system due to impaired transport of cystine and dibasic amino acids. Alternate transcript variants, which encode the same protein, have been found for this gene.

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Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

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