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# anti-SLC7A6 antibody (AA 473-515) (HRP)



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| Quantity:            | 100 μg                                    |
|----------------------|-------------------------------------------|
| Target:              | SLC7A6                                    |
| Binding Specificity: | AA 473-515                                |
| Reactivity:          | Human                                     |
| Host:                | Rabbit                                    |
| Clonality:           | Polyclonal                                |
| Conjugate:           | This SLC7A6 antibody is conjugated to HRP |
| Application:         | ELISA                                     |

### **Product Details**

| Immunogen:        | Recombinant Human Y+L amino acid transporter 2 protein (473-515AA) |
|-------------------|--------------------------------------------------------------------|
| Isotype:          | IgG                                                                |
| Cross-Reactivity: | Human                                                              |
| Purification:     | >95%, Protein G purified                                           |

# Target Details

| Target:           | SLC7A6                                                                                   |
|-------------------|------------------------------------------------------------------------------------------|
| Alternative Name: | SLC7A6 (SLC7A6 Products)                                                                 |
| Background:       | Background: Involved in the sodium-independent uptake of dibasic amino acids and sodium- |
|                   | dependent uptake of some neutral amino acids. Requires coexpression with SLC3A2/4F2hc to |

#### **Target Details**

mediate the uptake of arginine, leucine and glutamine. Also acts as an arginine/glutamine exchanger, following an antiport mechanism for amino acid transport, influencing arginine release in exchange for extracellular amino acids. Plays a role in nitric oxide synthesis in human umbilical vein endothelial cells (HUVECs) via transport of L-arginine. Involved in the transport of L-arginine in monocytes. Reduces uptake of ornithine in retinal pigment epithelial (RPE) cells. Aliases: SLC7A6 antibody, KIAA0245 antibody, Y+L amino acid transporter 2 antibody, Cationic amino acid transporter antibody, y+ system antibody, Solute carrier family 7 member 6 antibody, y(+)L-type amino acid transporter 2 antibody, Y+LAT2 antibody, y+LAT-2 antibody

UniProt:

Q92536

## **Application Details**

| Application Notes: | Optimal working dilution should be determined by the investigator.                                                |
|--------------------|-------------------------------------------------------------------------------------------------------------------|
| Restrictions:      | For Research Use only                                                                                             |
| Handling           |                                                                                                                   |
| Format:            | Liquid                                                                                                            |
| Buffer:            | Preservative: 0.03 % Proclin 300<br>Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4                                |
| Preservative:      | ProClin                                                                                                           |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | -20 °C,-80 °C                                                                                                     |
| Storage Comment:   | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                     |