

	SLC7A9	E 9 1 2 8 4 8
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Antibody type:	Polyclonal Antibody
Applications:	WB
Reactivity:	Human Mouse
Molecular Weight:	53kDa
Immunogen:	Recombinant protein of human SLC7A9
Gene ID:	11136
Swiss-Prot No.:	P82251
Altername:	BAT1;CSNU3
Source:	Rabbit
Isotype:	IgG
Purification:	Affinity purification
Storage/Stability:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
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

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	impaired transport of cystine and dibasic amino acids. Alternate transcript variants, which encode the same protein, have been found for this gene.
Dilution:	WB 1:500 - 1:1000
Shipping&Stablity:	Aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.