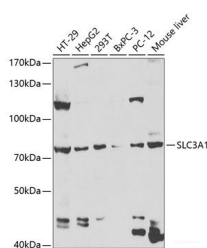


## SLC3A1 Polyclonal Antibody

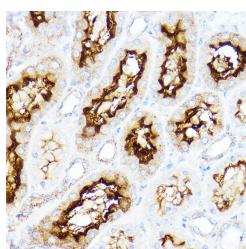
<b>Catalog No.</b>	E-AB-60996	<b>Reactivity</b>	H,M,R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,IHC	<b>Isotype</b>	IgG

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

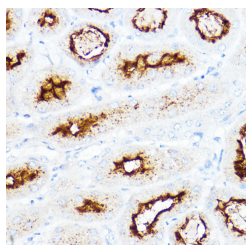
### Images



Western blot analysis of extracts of various cell lines using SLC3A1 Polyclonal Antibody at 1:1000 dilution.



Immunohistochemistry of paraffin-embedded rat kidney using SLC3A1 Polyclonal Antibody at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded mouse kidney using SLC3A1 Polyclonal antibody at dilution of 1:200 (40x lens). Perform

### Immunogen Information

<b>Immunogen</b>	Recombinant fusion protein of human SLC3A1
<b>GeneID</b>	6519
<b>Swissprot</b>	Q07837
<b>Synonyms</b>	SLC3A1, ATR1, CSNU1, D2H, NBAT, RBAT

### Product Information

<b>Calculated MW</b>	35kDa/45kDa/46kDa/57kDa/63kDa/65kDa/78kDa
<b>Observed MW</b>	79kDa
<b>Buffer</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Purify</b>	Affinity purification
<b>Dilution</b>	WB 1:500-1:2000, IHC 1:50-1:200

### Background

This gene encodes a type II membrane glycoprotein which is one of the components of the renal amino acid transporter which transports neutral and basic amino acids in the renal tubule and intestinal tract. Mutations and deletions in this gene are associated with cystinuria. Alternatively spliced transcript variants have been described, but their biological validity has not been determined.

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