

## SLC3A1

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC IF

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

**Calculated MW:** 78kDa

**Observed MW:** Refer to Figures

**Immunogen:**

Recombinant protein of human SLC3A1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

D2H; ATR1; NBAT; RBAT; CSNU1;

**Catalog #:** A5500

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 6519

**Isotype:** IgG

**Swiss Prot:** Q07837

**Purity:** Affinity purification

For research use only.

**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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