



## SLC1A7 Antibody

CATALOG NUMBER: 42-956

### Specifications

#### SPECIES REACTIVITY:

**TESTED APPLICATIONS:** ELISA

**APPLICATIONS:** ELISA: antibody detection limit dilution 1:16000. Western Blot: Preliminary experiments gave an approx 75kDa band in Human Heart, Liver and Skeletal Muscle lysates after 0.1ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given

**POSITIVE CONTROL:**  
1) Cat. No. 1301 - Human Heart Tissue Lysate  
2) Cat. No. 1304 - Human Liver Tissue Lysate  
3) Cat. No. 1375 - Human Skeletal Muscle Tissue Lysate

**PREDICTED MOLECULAR WEIGHT:** Approx 75 kDa

**IMMUNOGEN:** SLC1A7 Antibody was raised against a 15 amino acid sequence near the C-Terminus of SLC1A7.

**HOST SPECIES:** Goat

### Properties

**PURIFICATION:** Antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**PHYSICAL STATE:** Liquid

**BUFFER:** SLC1A7 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.

**CONCENTRATION:** 500 ug/mL

**STORAGE CONDITIONS:** Aliquot and store at -20°C. Minimize freezing and thawing.

**CLONALITY:** Polyclonal

**CONJUGATE:** Unconjugated

### Additional Info

**ALTERNATE NAMES:** SLC1A7, solute carrier family 1 member 7, solute carrier family 1 (glutamate transporter), member 7, retinal glutamate transporter, FLJ36602, excitatory amino acid transporter 5 (retinal glutamate transporter), excitatory amino acid transporter 5, EAAT5, AAAT

**ACCESSION NO.:** NP\_006662.3

**PROTEIN GI NO.:** 194239697

**OFFICIAL SYMBOL:** SLC1A7

**GENE ID:** 6512

### Background

FOR RESEARCH USE ONLY