

## Product datasheet for **TA333981**

### EAAT3 (SLC1A1) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-SLC1A1 Antibody: synthetic peptide directed towards the N terminal of human SLC1A1. Synthetic peptide located within the following region: VLVREHSNLSTLEKFYFAPGIELMRMLKLIILPLIISMITGVAALDSN
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	57 kDa
Gene Name:	solute carrier family 1 member 1
Database Link:	<a href="#">NP_004161</a> <a href="#">Entrez Gene 6505 Human P43005</a>
Background:	SLC1A1 transports L-glutamate and also L- and D-aspartate. It is essential for terminating the postsynaptic action of glutamate by rapidly removing released glutamate from the synaptic cleft. SLC1A1 acts as a symport by cotransporting sodium. It negatively regulated by ARL6IP5.
Synonyms:	DCBXA; EAAC1; EAAT3; SCZD18
Note:	Immunogen sequence homology: Human: 100%; Rabbit: 86%; Dog: 79%; Pig: 77%; Rat: 77%; Mouse: 77%; Bovine: 77%



[View online »](#)

Protein Families: Druggable Genome, Transmembrane

### Product images:



WB Suggested Anti-SLC1A1 Antibody Titration:  
0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control:  
721\_B cell lysate; SLC1A1 is strongly supported by  
BioGPS gene expression data to be expressed in  
Human 721\_B cells