

# Product Datasheet

## EAAT2/GLT1 Antibody H00006506-D01P

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00006506-D01P**

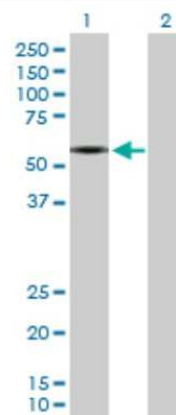
EAAT2/GLT1 Antibody

Product Information	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.4)
Product Description	
<b>Description</b>	Quality control test: Antibody reactive against mammalian transfected lysate.
<b>Host</b>	Rabbit
<b>Gene ID</b>	6506
<b>Gene Symbol</b>	SLC1A2
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	Reacts with solute carrier family 1 (glial high affinity glutamate transporter), member 2.
<b>Immunogen</b>	SLC1A2 (NP_004162.2, 1 a.a. - 574 a.a.) full-length human protein. MASTEGANNMPKQVEVRMHDShLGSEEPKHRHLGLRLCDKLGKNNLLTLTVF GVILGAVCGLLRLASPIHPDVVMLIAFPGDILMRMLKMLILPLIISLITGLSGLDA KASGRLGTRAMVYYMSTTIIAAVLGVILVLAHPGNPKLKKQLGPGKKNDEVSSL DAFLDLIRNLFPENLVQACFQQIQVTKKVLVAPPPDEEANATSAVVSLNETVT EVPEETKMVIKKGLEFKDGMNVLGLIGFFIAFGIAMGKMGDQAKLMVDFFNILNE IVMKLVIMIMWYSPLGIACLICGKIIAIDLEVVARQLGMYMVTVIIGLIHGGIFLPLI YFVVTRKNPFSFFAGIFQAWITALGTASSAGTLPVTFRCLEENLGIDKRVTRFVL PVGATINMDGTALYEAVAAIFIAQMNGVVLDDGGQIVTVSLTATLASVGAASIPSA GLVTMLLILTAVGLPTEDISLLVAVDWLLDRMRTSVNVVGDSEFGAGIVYHLSKSE LDTIDSQHRVHEDIEMTKTQSIYDDMKNHRESNSNQCVAAHNSVIVDECKVTL AANGKSADCSVEEEPWKREK
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
<b>Applications</b>	Western Blot, Immunocytochemistry/Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot, Immunocytochemistry/Immunofluorescence
<b>Application Notes</b>	This antibody is reactive against transfected lysate in WB and as a detection antibody in ELISA.



## Images

Western Blot: EAAT2/GLT1 Antibody [H00006506-D01P] - Analysis of SLC1A2 expression in transfected 293T cell line by SLC1A2 polyclonal antibody. Lane 1: SLC1A2 transfected lysate(62.10 KDa). Lane 2: Non-transfected lysate.



## Publications

Cappelletti P, Tallarita E, Rabattoni V et al. Proline oxidase controls proline, glutamate, and glutamine cellular concentrations in a U87 glioblastoma cell line. PLoS One 2018-04-25 [PMID: 29694413]



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA

Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
novus@novusbio.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada

Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: technical@novusbio.com  
Orders: orders@novusbio.com  
General: novus@novusbio.com

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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