

Anti-VGLUT1 (Guinea Pig)

Catalogue number: 156480

Sub-type: Primary antibody

Images:

Contributor

Inventor: Jeffrey Erickson

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-VGLUT1 (Guinea Pig)

Alternate name:

Class: Polyclonal

Conjugate: Unconjugated

Description: Vesicular glutamate transport protein 1 (VGLUT1) is the predominant transporter in adult pyramidal neurons. VGLUT1 transports glutamate into excitatory vesicles and may regulate synaptic transmission by facilitating the functional dynamic range of glutamatergic synapses.

Purpose: Marker

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype:

Reactivity: Mouse ; Rat

Selectivity:

Host: Guinea Pig

Immunogen: C-terminus of VGLUT1 (GST-fusion protein)

Immunogen UNIPROT ID: VGLU2_HUMAN

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: C-terminus VGLUT1

Target alternate names:

Target background: Vesicular glutamate transport protein 1 (VGLUT1) is the predominant transporter in adult pyramidal neurons. VGLUT1 transports glutamate into excitatory vesicles and may regulate synaptic transmission by facilitating the dynamic range of glutamatergic synapses.

Molecular weight:

Ic50:

Applications

Application: IHC ; WB

Application notes:

Handling

Format: Liquid

Concentration:

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: He et al. 2012. J Neurosci. 32(45):15886-901. PMID: 23136427. ; Doyle et al. 2010. J

Biol Chem. 285(19):14366-76. PMID: 20212045. ; De Gois et al. 2005. J Neurosci. 25(31):7121-33. PMID: 16079394. ; Varoqui et al. 2002. Biochem Biophys Res Commun. 290(3):903-8. PMID: 11798158.

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