



Datasheet for ABIN1386150

anti-Solute Carrier Family 17 (Vesicular Glutamate Transporter), Member 6 (SLC17A6) (AA 1-50) antibody



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1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	Solute Carrier Family 17 (Vesicular Glutamate Transporter), Member 6 (SLC17A6)
Binding Specificity:	AA 1-50
Reactivity:	Rat, Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human VGLUT2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	Solute Carrier Family 17 (Vesicular Glutamate Transporter), Member 6 (SLC17A6)
Alternative Name:	VGLUT2 (SLC17A6 Products)
Background:	Synonyms: DNPI, VGLUT2, Vesicular glutamate transporter 2, Differentiation-associated BNPI,

Target Details

Differentiation-associated Na(+)-dependent inorganic phosphate cotransporter, Solute carrier family 17 member 6, SLC17A6

Background: Mediates the uptake of glutamate into synaptic vesicles at presynaptic nerve terminals of excitatory neural cells. May also mediate the transport of inorganic phosphate.

Gene ID: 57084

UniProt: [Q9P2U8](#)

Application Details

Application Notes: IHC-P 1:200-400
IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

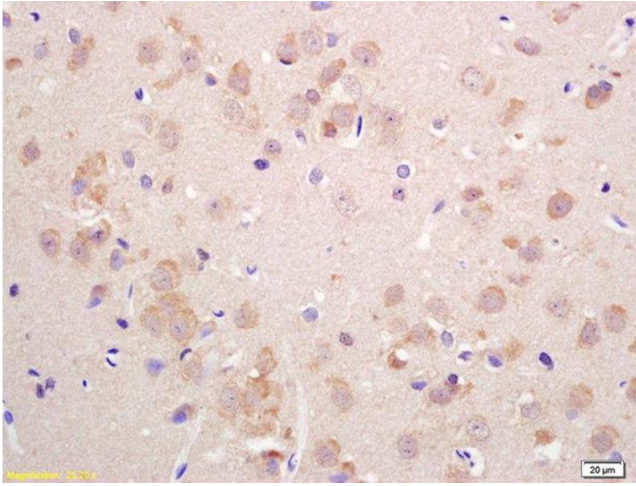
Storage: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

Publications

Product cited in: Curley, Sklare, Bowser, Saksena, Moore, Chrisey: "Isolated node engineering of neuronal systems using laser direct write." in: **Biofabrication**, Vol. 8, Issue 1, pp. 15013, (2016) ([PubMed](#)).



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin embedded rat brain labeled with Anti-VGLUT2 Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining.