

SLC17A7 Antibody

Catalog No: #47456

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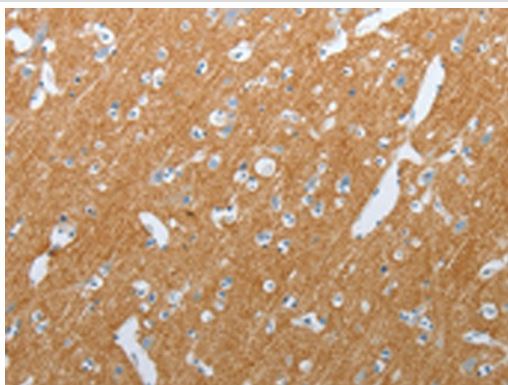
Description

Product Name	SLC17A7 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu, Ms, Rt
Specificity	The antibody detects endogenous levels of total SLC17A7 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide of human SLC17A7
Target Name	SLC17A7
Other Names	BNPI; VGLUT1
Accession No.	Swiss-Prot#:Q9P2U7NCBI Gene ID:57030Gene Accssion:NP_064705
Uniprot	Q9P2U7
GeneID	57030;
Concentration	1.6
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

IHC dilution:1: 200-500

Images



The image is immunohistochemistry of paraffin-embedded Human brain tissue using 47456(SLC17A7 Antibody) at dilution 1/200.(Original magnification: 200)

Background

The protein encoded by this gene is a vesicle-bound, sodium-dependent phosphate transporter that is specifically expressed in the neuron-rich regions of the brain. It is preferentially associated with the membranes of synaptic vesicles and functions in glutamate transport. The protein shares 82% identity with the differentiation-associated Na-dependent inorganic phosphate cotransporter and they appear to form a distinct class within the Na⁺/Pi cotransporter family.

Note: This product is for in vitro research use only