

DNAxPAb

Hard-to-Find
Antibody

SLC17A7 DNAxPab

Catalog # H00057030-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human SLC17A7 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)
[Protocol Download](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — SLC17A7

Entrez GeneID	57030
GeneBank Accession#	BC059379.1
Protein Accession#	AAH59379.1
Gene Name	SLC17A7
Gene Alias	BNPI, VGLUT1
Gene Description	solute carrier family 17 (sodium-dependent inorganic phosphate cotransporter), member 7
Omim ID	605208
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	brain-specific Na-dependent inorganic phosphate cotransporter solute carrier family 17, member 7 vesicular glutamate transporter 1

Disease

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