

Rabbit Anti-SLC32A1/AP Conjugated antibody

SL19821R-AP

Product Name	Anti-SLC32A1/AP
Chinese Name	碱性磷酸酶（AP）标记的溶质载体家族蛋白 32 成员 A1 抗体
Alias	bA122O1.1; GABA and glycine transporter; hVIAAT; SLC32A 1; Slc32a1; solute carrier family 32 (GABA vesicular transporter) member 1; Solute carrier family 32 member 1; Vesicular GABA Amino Acid Transporter; Vesicular GABA transporter; Vesicular inhibitory amino acid transporter; VGAT; VIAAT; VIAAT_HUMAN.
Research Area	Cell biology Neurobiology Signal transduction Transporter
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Mouse,Rat(predicted:Human,Pig,Cow,Rabbit)
Applications	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	57kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human SLC30A9
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Storage	
Product Detail	background: The protein encoded by this gene is an integral membrane protein involved in gamma-aminobutyric acid (GABA) and glycine uptake into synaptic vesicles.

The encoded protein is a member of amino acid/polyamine transporter family II. [provided by RefSeq, Jul 2008]

Function:

Involved in the uptake of GABA and glycine into the synaptic vesicles.

Subcellular Location:

Cytoplasmic vesicle membrane.

Tissue Specificity:

Retina. Expressed throughout the horizontal cells or more specifically at the terminals.

Similarity:

Belongs to the amino acid/polyamine transporter 2 family.

Database links:

[Entrez Gene: 140679](#) Human

[Entrez Gene: 22348](#) Mouse

[Entrez Gene: 83612](#) Rat

[SwissProt: Q9H598](#) Human

[SwissProt: O35633](#) Mouse

[SwissProt: O35458](#) Rat

[Unigene: 179080](#) Human

[Unigene: 143404](#) Mouse

[Unigene: 413854](#) Mouse

[Unigene: 10846](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.