

ARG22240 anti-VGlut 3 antibody [S34-34]

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [S34-34] recognizes VGlut 3
Tested Reactivity	Ms, Rat
Tested Application	IHC-P, WB
Specificity	Detects ~65kDa.
Host	Mouse
Clonality	Monoclonal
Clone	S34-34
Isotype	IgG1
Target Name	VGlut 3
Species	Rat
Immunogen	Fusion protein around aa. 546-588 (cytoplasmic C-terminus) of Rat VGlut3
Conjugation	Un-conjugated
Alternate Names	DFNA25; Solute carrier family 17 member 8; Vesicular glutamate transporter 3; VGLUT3; VGLuT3

Application Instructions

Application table	Application	Dilution
	IHC-P	Assay-dependent
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.4), 0.09% Sodium azide and 50% Glycerol
Preservative	0.09% Sodium azide
Stabilizer	50% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 216227 Mouse GeneID: 266767 Rat Swiss-port # Q7TSF2 Rat Swiss-port # Q8BFU8 Mouse
Gene Symbol	Slc17a8
Gene Full Name	solute carrier family 17 (vesicular glutamate transporter), member 8
Background	This gene encodes a vesicular glutamate transporter. The encoded protein transports the neurotransmitter glutamate into synaptic vesicles before it is released into the synaptic cleft. Mutations in this gene are the cause of autosomal-dominant nonsyndromic type 25 deafness. Alternate splicing results in multiple transcript variants.[provided by RefSeq, May 2010]
Function	Mediates the uptake of glutamate into synaptic vesicles at presynaptic nerve terminals of excitatory neural cells. May also mediate the transport of inorganic phosphate. [UniProt]
Calculated Mw	65 kDa
Cellular Localization	Cell Junction, Cytoplasmic Vesicle, Membrane, secretory vesicle, Synapse, synaptic vesicle membrane