

## 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	<a href="#">GeneID: 216227 Mouse</a> <a href="#">GeneID: 266767 Rat</a> <a href="#">Swiss-port # Q7TSF2 Rat</a> <a href="#">Swiss-port # Q8BFU8 Mouse</a>
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