

Anti-VGlut1 Monoclonal Antibody (CBP3833)

Cat. No.: NAB2012340LS

PRODUCT OVERVIEW

Immunogen	This monoclonal antibody was raised against a fusion protein corresponding to amino acids 493-560 (cytoplasmic C-terminus) of rat VGlut1.
Species Reactivity	Human; Rat
Clonality	Monoclonal
Host Species	Mouse
Isotype	IgG1
Clone Number	CBP3833
Applications	WB; IHC-P
Relevant Diseases	Brain Tumors; Alzheimer's Disease; Parkinson's Disease; Neurocutaneous Syndromes
Research Areas	Neuroinflammation; Neurodegeneration
Conjugation	Unconjugated

PRODUCT PROPERTIES

Form	Liquid
Formulation	PBS, pH 7.2, containing 0.09% sodium azide.
Concentration	1.0 mg/mL
Purification	Affinity Chromatography
Purity	>95%, as determined by Coomassie stained SDS-PAGE.
Shipping	The product is shipped at 4°C. Upon receipt, store it immediately at the recommended temperature.
Storage	Upon initial thawing, apportion into working aliquots and store at -20°C. Avoid repeated freeze-thaw cycles to prevent denaturing the antibody.
Research Use Only	For research use only, not for diagnostic or therapeutic use.

TARGET

Target	VGlut1
Official Name	SLC17A7
Full Name	Vesicular glutamate transporter 1
Alternative Names	SLC17A7; BNPI; VGLUT1; solute carrier family 17 member 7
Gene ID	57030 (Human); 72961 (Mouse); 116638 (Rat)
Uniprot ID	Q9P2U7 (Human); Q3TXX4 (Mouse); Q62634 (Rat)