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Datasheet for ABIN653248

anti-VGLU-2 antibody (C-Term)

2 Images

Overview

Quantity:	400 µL
Target:	VGLU-2
Binding Specificity:	AA 507-535, C-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VGLU-2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This MOUSE VGLU2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 507-535 amino acids from the C-terminal region of mouse VGLU2.
Clone:	RB24331
Isotype:	Ig Fraction
Predicted Reactivity:	B, H, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	VGLU-2
Alternative Name:	VGLU2 (VGLU-2 Products)

Target Details

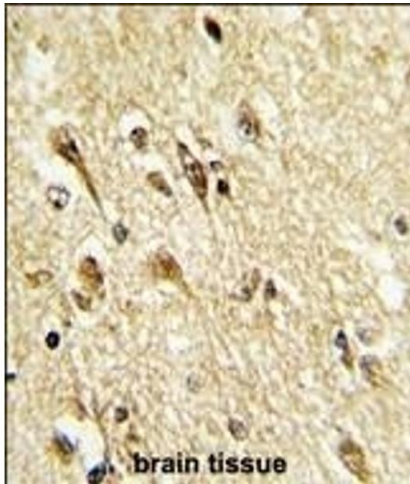
Background:	MOUSE VGLU2 mediates the uptake of glutamate into synaptic vesicles at presynaptic nerve terminals of excitatory neural cells. This protein may also mediate the transport of inorganic phosphate.
Molecular Weight:	64561
Gene ID:	140919
NCBI Accession:	NP_543129
UniProt:	Q8BLE7

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

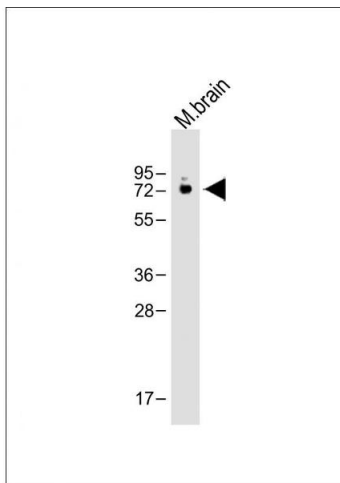
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human brain reacted with MOUSE VGLU2 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. Anti-MOUSE VGLU2 Antibody (C-term) at 1:1000 dilution + Mouse brain whole tissue lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 65 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.