

Mouse Anti-Porcine GABA Receptor-Associated Protein Like 1 (GABARAPL1) Monoclonal Antibody

Cat. No.: VD8N320

Product Type: Animal-targeted Antibodies

Size: 50uL; 100uL; 150uL

Product Overview

BioVenic mouse monoclonal antibody is specific for GABA receptor-associated protein like 1. It is affinity purified by protein A. It can be applied to WB, IF and ELISA assays of GABA receptor-associated protein like 1.

Specifications

Application	WB; IF; ELISA
Clonality	Monoclonal
Classification	Primary Antibody
Clone	G6N64
Host	Mouse
Target Species	Porcine
Species Reactivity	Porcine
Specificity	GABA Receptor-Associated Protein Like 1
Isotype	IgG1
Immunogen	Recombinant protein of GABA receptor-associated protein like 1
Purification	Protein A Purified
Concentration	1200 µg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.02% Sodium Azide
Buffer	Phosphate Buffered Saline with 50% Glycerol, pH 7.3
Physical State	Liquid

Target Information

Porcine GABA receptor-associated protein like 1 (GABARAPL1), also known as GATE-16, is a protein that is implicated in the regulation of the gamma-aminobutyric acid (GABA) receptor, the major inhibitory neurotransmitter receptor in the central nervous system of pigs. GABARAPL1 is involved in the modulation of intracellular trafficking and the recycling of GABA receptors, which is essential for maintaining proper synaptic function and inhibition. This protein is particularly important in the brain, where it contributes to the regulation of neuronal excitability and the balance of inhibitory and excitatory signals. GABARAPL1 is also associated with the formation of autophagosomes, which are involved in the degradation and recycling of cellular components, suggesting a role in cellular homeostasis and the response to stress.

Target	GABA Receptor-Associated Protein Like 1
Target Synonym	APG8 LIKE; APG8L
Gene ID	100462751
UniProt ID	A0A8D0KJD6

Shipping and Storage

This product is shipped with ice gel packs. Store at -20°C (up to 12 months) on receipt.

Reference

Beck, Mike, *et al.* "Identification, molecular cloning, and characterization of a novel GABAA receptor-associated protein, GRIF-1." *Journal of Biological Chemistry* 277.33 (2002): 30079-30090.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.