

Mouse Anti-Porcine Calcium/Calmodulin-Dependent Protein Kinase Type IV (CaMKIV) Monoclonal Antibody

Cat. No.: VD12N586

Product Type: Animal-targeted Antibodies

Size: 100 µL

Product Overview

BioVenic mouse monoclonal antibody is specific for porcine calcium/calmodulin-dependent protein kinase type IV. It is purified by affinity chromatography. It can be applied to WB assay of porcine calcium/calmodulin-dependent protein kinase type IV.

Specifications

Application	WB
Clonality	Monoclonal
Classification	Primary Antibody
Clone	M7N10
Host	Mouse
Target Species	Porcine
Species Reactivity	Porcine
Specificity	Porcine Calcium/Calmodulin-Dependent Protein Kinase Type IV
Immunogen	Recombinant protein of calcium/calmodulin-dependent protein kinase type IV
Purification	Purified by Affinity Chromatography
Concentration	1 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.02% Sodium Azide
Buffer	0.1M Tris-Glycine, pH 7.4, with 150 mM NaCl and 50% glycerol
Physical State	Liquid

Target Information

Porcine Calcium/Calmodulin-Dependent Protein Kinase Type IV (CaMKIV) is a multifunctional serine/threonine kinase that plays a critical role in calcium signaling pathways. It activates transcription factors such as CREB and MEF2, regulating gene expression in

volved in neuronal function, immune response, and metabolism. CaMKIV is highly conserved across species, including pigs, and is implicated in various biological processes, such as memory consolidation and immune cell activation.

Target	Porcine Calcium/Calmodulin-Dependent Protein Kinase Type IV
Target Synonym	CaMKIV
Gene ID	100515364
UniProt ID	A0A286ZKQ7

Shipping and Storage

This product is shipped with wet ice packs. Store at -20°C on receipt (up to 12 months). Avoid repeated freezing and thawing as this may denature the antibody.

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.