

Mouse Anti-Porcine Dickkopf Homolog 3 (DKK3) Monoclonal Antibody

Cat. No.: VD8N327

Product Type: Animal-targeted Antibodies

Size: 50uL; 100uL; 150uL

Product Overview

BioVenic mouse monoclonal antibody is specific for dickkopf homolog 3. It is affinity purified by protein A. It can be applied to WB, IHC, IF and ELISA assays of dickkopf homolog 3.

Specifications

Application	WB; IF; IHC; ELISA
Clonality	Monoclonal
Classification	Primary Antibody
Clone	G7N2
Host	Mouse
Target Species	Porcine
Species Reactivity	Porcine
Specificity	Dickkopf Homolog 3
Isotype	IgG2
Immunogen	Recombinant protein of dickkopf homolog 3
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 dickkopf homolog 3 (DKK3) is a protein that belongs to the Dickkopf family, which is involved in the regulation of various developmental processes, particularly in the context of the porcine skeletal system. DKK3 plays a significant role in the Wnt signaling

pathway, which is crucial for cell fate determination, tissue polarity, and the regulation of bone metabolism. This protein functions as an antagonist of the Wnt signaling pathway, inhibiting the activity of Wnt ligands and thus suppressing the signaling cascade that leads to the activation of target genes. DKK3's role in the modulation of Wnt signaling is essential for maintaining the balance between bone formation and resorption, as well as for the proper development of skeletal structures.

Target	Dickkopf Homolog 3
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Gene ID	664653
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UniProt ID	Q2HWR5
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Shipping and Storage

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

Reference

Gondkar, Kirti, *et al.* "Dickkopf homolog 3 (DKK3) acts as a potential tumor suppressor in gallbladder cancer." *Frontiers in Oncology* 9 (2019): 1121.

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.