

Mouse Anti-Porcine Nuclear Receptor Subfamily 1 Group H Member 2 (NR1H2) Monoclonal Antibody

Cat. No.: VD8N255

Product Type: Animal-targeted Antibodies

Size: 50uL; 100uL; 150uL

Product Overview

BioVenic mouse monoclonal antibody is specific for nuclear receptor subfamily 1 group H member 2. It is affinity purified by protein A. It can be applied to WB and ELISA assays of nuclear receptor subfamily 1 group H member 2.

Specifications

Application	WB; ELISA
Clonality	Monoclonal
Classification	Primary Antibody
Clone	G5N68
Host	Mouse
Target Species	Porcine
Species Reactivity	Porcine
Specificity	Nuclear Receptor Subfamily 1 Group H Member 2
Isotype	IgG1
Immunogen	Recombinant protein of nuclear receptor subfamily 1 group H member 2
Purification	Protein A Purified
Concentration	1500 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 nuclear receptor subfamily 1 group H member 2 (NR1H2), also known as the liver X receptor beta (LXR β), is a member of the nuclear receptor superfamily and plays a critical role in the regulation of lipid metabolism, inflammation, and cellular homeostasis in pigs. NR1H2 functions as a ligand-activated transcription factor, modulating the expression of target genes involved in cholesterol and lipid homeostasis. This receptor is highly expressed in liver and steroidogenic tissues, where it contributes to the maintenance of whole-body lipid balance. NR1H2 is activated by oxysterols and certain lipids, leading to the regulation of genes that control cholesterol efflux, fatty acid synthesis, and lipid transport.

Target	Nuclear Receptor Subfamily 1 Group H Member 2
Target Synonym	Liver X receptor beta; LXR B
Gene ID	100525290
UniProt ID	F1RH38

Shipping and Storage

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

Reference

Mouzat, Kevin, *et al.* "A common polymorphism in NR1H2 (LXRbeta) is associated with preeclampsia." *BMC medical genetics* 12 (2011): 1-9.

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.