500-E Wheeler Rd, Hauppauge, NY 11788
info@biovenic.com
www.biovenic.com

Rabbit Anti-Mouse Secreted Frizzled Related Protein 1 (SFRP1) Polyclonal Antibody

Cat. No.: VD2N805

Product Type: Animal-targeted Antibodies

Size: 100 μL; 200 μL; 1 mL

Product Overview

BioVenic rabbit polyclonal antibody is specific for mouse secreted frizzled related protein 1. It is purified by Protein A Purified . It ca n be applied to WB, IHC, ICC and IP assays of mouse secreted frizzled related protein 1.

Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	Y1N304
Host	Rabbit
Target Species	Mouse
Species Reactivity	Mouse
Specificity	Mouse Secreted Frizzled Related Protein 1
Isotype	IgG
Immunogen	Recombinant protein of mouse secreted frizzled related protein 1
Purification	Protein A Purified
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.02% Sodium Azide
Buffer	Phosphate Buffered Saline, pH 7.4, with 50% glycerol
Physical State	Liquid

Target Information

Mouse Secreted Frizzled-Related Protein 1 (sFRP1) is a member of the sFRP family that modulates Wnt signaling pathways. It act s as a soluble antagonist by binding to Wnt ligands and preventing their interaction with Frizzled receptors, thereby inhibiting canon

ical Wnt/β-catenin signaling. sFRP1 is expressed in various tissues and plays a role in embryonic development, cell proliferation, a nd tissue homeostasis. Its activity is essential for proper neural tube formation and limb development. sFRP1 is an important target for studying Wnt signaling and related developmental processes in mouse models.

Target	Mouse Secreted Frizzled Related Protein 1
Target Synonym	FRP1; FRP; FRP-1; FrzA; SARP2; Secreted apoptosis-related protein 2
Gene ID	20377
UniProt ID	Q8C4U3

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 thi s may denature the antibody.

Reference

Matsuyama, Makoto, et al. "Secreted Frizzled-related protein 1 (Sfrp1) regulates the progression of renal fibrosis in a mouse model of obstructive nephropathy." *Journal of Biological Chemistry* 289.45 (2014): 31526-31533.