

Rabbit Anti-Mouse Insulin Like Growth Factor Binding Protein 7 (IGFBP7) Polyclonal Antibody

Cat. No.: VD2N588

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

BioVenic rabbit polyclonal antibody is specific for mouse insulin like growth factor binding protein 7. It is purified by Protein A Purified. It can be applied to WB, IHC, ICC and IP assays of mouse insulin like growth factor binding protein 7.

Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	Y1N87
Host	Rabbit
Target Species	Mouse
Species Reactivity	Mouse
Specificity	Mouse Insulin Like Growth Factor Binding Protein 7
Isotype	IgG
Immunogen	Recombinant protein of mouse insulin like growth factor binding protein 7
Purification	Protein A Purified
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.05% Proclin 300
Buffer	0.01M Phosphate Buffered Saline, pH 7.4, with 50% glycerol
Physical State	Liquid

Target Information

Mouse Insulin-like Growth Factor Binding Protein 7 (IGFBP-7) is a member of the IGFBP family, involved in regulating the bioavailability and activity of insulin-like growth factors (IGFs). It binds to IGFs, modulating their effects on cell proliferation, differentiation, and survival. IGFBP-7 also has intrinsic biological activities, including the regulation of apoptosis and angiogenesis. In mice, this protein is essential for maintaining tissue homeostasis and supporting normal developmental processes.

Target	Mouse Insulin Like Growth Factor Binding Protein 7
Target Synonym	FSTL2; IGFBP-7v; MAC25; PSF; TAF; IGFBP-rP1; MAC25 protein; Prostacyclin-stimulating factor; PGI2-stimulating factor; Tumor-derived adhesion factor
Gene ID	29817
UniProt ID	Q61581

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.

Reference

Zhang, Liyong, et al. "Insulin-like growth factor-binding protein-7 (IGFBP7) links senescence to heart failure." *Nature Cardiovascular Research* 1.12 (2022): 1195-1214.

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.