

Guinea Pig Anti-Rabbit Interleukin 1 Alpha (IL1a) Polyclonal Antibody

Cat. No.: VD3N29

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

BioVenic guinea pig polyclonal antibody is specific for rabbit interleukin 1 alpha. It is purified by Protein A Purified. It can be applied to WB, IHC, ICC and IP assays of rabbit interleukin 1 alpha.

Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	Y1N527
Host	Guinea pig
Target Species	Rabbit
Species Reactivity	Rabbit
Specificity	Rabbit Interleukin 1 Alpha
Isotype	IgG
Immunogen	Recombinant protein of rabbit interleukin 1 alpha
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

Rabbit Interleukin-1 alpha (IL-1α) is a pro-inflammatory cytokine produced by keratinocytes, macrophages, and epithelial cells. It binds to IL-1 receptor type 1, driving rapid transcription of genes involved in fever, leukocyte recruitment, and tissue remodeling. IL-1

α is stored in the cytoplasm and released upon cell injury, acting as an alarmin that amplifies innate immune responses. As a key initiator of inflammation, IL-1 α is a valuable target for studies of host defense and inflammatory disease mechanisms.

Target	Rabbit Interleukin 1 Alpha
Target Synonym	IL1-A; IL-1 α ; IL1F1; Preinterleukin 1 Alpha; Hematopoietin-1; Pro-Interleukin-1-Alpha; Interleukin-1 Family Member 1
Gene ID	100009250
UniProt ID	P04822

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.