

Rabbit Anti-Mouse Calpain 1 (CAPN1) Polyclonal Antibody

Cat. No.: VD3N201

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

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

Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	Y1N699
Host	Rabbit
Target Species	Mouse
Species Reactivity	Mouse
Specificity	Mouse Calpain 1
Isotype	IgG
Immunogen	Recombinant protein of mouse calpain 1
Purification	Protein A Purified
Concentration	0.42 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 Calpain 1 (CAPN1) is a calcium-dependent cysteine protease involved in various cellular processes, including cytoskeletal remodeling, signal transduction, and apoptosis. It cleaves specific substrates to regulate cell function and maintain tissue homeostasis.

sis. CAPN1 is expressed in multiple tissues and plays a crucial role in muscle contraction, neurotransmitter release, and immune responses. As a key regulator of intracellular proteolysis, CAPN1 is an important target for studying cell biology and potential therapeutic applications in muscle and neurodegenerative diseases.

Target	Mouse Calpain 1
Target Synonym	PIG30; CANPL1; MuCANP; MuCL; Calpain 1, Large Subunit; Calpain-1 Catalytic Subunit; Calcium-Dependent Protease 1; Calcium-activated neutral proteinase 1; Calpain mu-type; Micromolar-calpain
Gene ID	12333
UniProt ID	O35350

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.