

Rabbit Anti-Mouse Cystatin B (CSTB) Polyclonal Antibody

Cat. No.: VD3N84

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

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

Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	Y1N582
Host	Rabbit
Target Species	Mouse
Species Reactivity	Mouse
Specificity	Mouse Cystatin B
Isotype	IgG
Immunogen	Recombinant protein of mouse cystatin B
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 Cystatin B is a cytosolic cysteine protease inhibitor that binds and neutralizes cathepsins and other lysosomal proteases, protecting cells from unwanted proteolysis. It modulates antigen processing, apoptosis, and oxidative stress responses in brain, liver,

and immune tissues. Loss or imbalance of Cystatin B activity disrupts protein homeostasis and cellular integrity. As a key guardian of intracellular protease activity, it is an important target for studies of neurodegeneration, lysosomal function, and inflammatory regulation.

Target	Mouse Cystatin B
Target Synonym	Cys-B; CST6; EPM1; PME; STFB; CPI-B; Stefin B; Liver thiol proteinase inhibitor
Gene ID	13014
UniProt ID	Q62426

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.