

Rabbit Anti-Mouse Puromycin Sensitive Aminopeptidase (PSA) Polyclonal Antibody

Cat. No.: VD3N64

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

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

Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	Y1N562
Host	Rabbit
Target Species	Mouse
Species Reactivity	Mouse
Specificity	Mouse Puromycin Sensitive Aminopeptidase
Isotype	IgG
Immunogen	Recombinant protein of mouse puromycin sensitive aminopeptidase
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 Puromycin Sensitive Aminopeptidase (PSA) is a cytosolic enzyme that degrades N-terminal amino acids from peptides, playing a crucial role in protein turnover and antigen processing. It is involved in the removal of signal peptides and the generation of p

peptides for MHC class I presentation. PSA is expressed in various tissues and is essential for maintaining cellular homeostasis. As a key regulator of peptide metabolism, PSA is an important target for studying immune responses and protein degradation pathways.

Target	Mouse Puromycin Sensitive Aminopeptidase
Target Synonym	NPEPPS; AAP-S; Metalloproteinase MP100; Cytosol alanyl aminopeptidase
Gene ID	19155
UniProt ID	Q11011

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

Constam, Daniel B., et al. "Puromycin-sensitive aminopeptidase: sequence analysis, expression, and functional characterization." *Journal of Biological Chemistry* 270.45 (1995): 26931-26939.

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.