

Anti-alpha 1 Antitrypsin/SERPINA1 Antibody Picoband® Cy3 Conjugated

Catalog Number: PB9354-Cy3

About Serpina1

SERPINA1 is also known as PI, A1A or AAT. The protein encoded by this gene is secreted and is a serine protease inhibitor whose targets include elastase, plasmin, thrombin, trypsin, chymotrypsin, and plasminogen activator. Defects in this gene can cause emphysema or liver disease. Several transcript variants encoding the same protein have been found for this gene.

Overview

Product Name	Anti-alpha 1 Antitrypsin/SERPINA1 Antibody Picoband® Cy3 Conjugated
Reactive Species	Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (IHC, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P17475

Technical Details

Immunogen	E.coli-derived rat SERPINA1 recombinant protein (Position: K211-R411). Rat SERPINA1 shares 66% amino acid (aa) sequence identity with human SERPINA1.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Cy3 Excitation Wavelength: 554 nm Emission Wavelength: 568 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

2 Publications Citing This Product

1. PubMed ID: 10.1016/j.jprot.2016.08.013, Label-free proteomic analysis of placental proteins during *Toxoplasma gondii* infection
2. PubMed ID: 29434730, Lv X, Gao F, Liu Q, Zhang S, Huang Z, Zhu Y, Zong H, Li Q, Li S. Exp Ther Med. 2018 Feb;15(2):1465-1473. doi: 10.3892/etm.2017.5554. Epub 2017 Nov 23. Clinical and pathological characteristics of IgG4-related interstitial lung disease

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