

Anti-alpha 1 Antitrypsin/SERPINA1 Antibody Picoband® Fluoro488 Conjugated

Catalog Number: PB9354-Fluoro488

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® Fluoro488 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% Na ₃ N. |
| 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 | Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 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

Visit bosterbio.com/anti-serpina1-picoband-trade-antibody-pb9354-boster.html to see all 2 publications.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-alpha 1 Antitrypsin/SERPINA1 Antibody - Fluoro488

For Research Use Only. Not for use in diagnostic procedures.