

## CAB21972

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### Product Information

<b>Product SKU:</b>	CAB21972	<b>Gene ID:</b>	5265	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	ARC54184	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human

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### Additional Information

<b>Observed MW:</b>	Refer to figures	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	47kDa	<b>Isotype:</b>	IgG

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### Immunogen Information

**Background:** The protein encoded by this gene is a serine protease inhibitor belonging to the serpin superfamily whose targets include elastase, plasmin, thrombin, trypsin, chymotrypsin, and plasminogen activator. This protein is produced in the liver, the bone marrow, by lymphocytic and monocytic cells in lymphoid tissue, and by the Paneth cells of the gut. Defects in this gene are associated with chronic obstructive pulmonary disease, emphysema, and chronic liver disease. Several transcript variants encoding the same protein have been found for this gene.

**Recommended Dilution:** IF/ICC, 1:50 - 1:200

**Synonyms:** PI; A1A; AAT; PI1; A1AT; nNIF; PRO2275; alpha1AT; Alpha-1 Antitrypsin (SERPINA1)

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 25-418 of human Alpha-1 Antitrypsin (SERPINA1) (NP\_000286.3).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH 7.3.