

CAB4966

Product Information

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|---------------------|---------|----------------------|--------|--------------------|-------------|
| Product SKU: | CAB4966 | Gene ID: | 5265 | Size: | 20uL, 100uL |
| Clone No: | ARC1212 | Host Species: | Rabbit | Reactivity: | Mouse,Rat |

Additional Information

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|-----------------------|-------|-------------------|--------------|
| Observed MW: | 45kDa | Conjugate: | Unconjugated |
| Calculated MW: | 47kDa | Isotype: | IgG |

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: WB,1:1000 - 1:5000

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 1-418 of human Alpha-1 Antitrypsin (SERPINA1) (NP_000286.3).

Storage: Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.