

AP53855PU-N**Polyclonal Antibody to Alpha-1-antitrypsin (Center) - Purified**

Alternate names:	AAT, Alpha-1 protease inhibitor, Alpha-1-antiproteinase, SERPINA1
Quantity:	0.4 ml
Concentration:	lot specific
Background:	SERPINA1 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.
Uniprot ID:	P01009
NCBI:	NP_000286
GeneID:	5265
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide between 165~195 amino acids from the Central region of Human SERPINA1. Genename: SERPINA1
Format:	State: Liquid purified Ig fraction Purification: Protein A column followed by peptide Affinity purification Buffer System: PBS with 0.09% (W/V) Sodium Azide as preservative
Applications:	ELISA: 1/1,000. Western blotting: 1/100-1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Recognizes SERPINA1 (Center). Species: Human. Other species not tested.
Add. Information:	Molecular Weight: 46737 Da
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Caution:	This product is for research use only. Not for use in diagnostic or therapeutic procedures.
General Readings:	1. Kilty, S.J., et al. Am J Rhinol Allergy 24 (1), E4-E9 (2010) 2. Kok, K.F., et al. BMC Gastroenterol 10, 22 (2010) 3. Dahl, M. Clin Respir J 3(2):121-122(2009) 4. Zhang, H., et al. Nat. Biotechnol. 21(6):660-666(2003) 5. Mills, K., et al. Glycobiology 13(2):73-85(2003)

Pictures:

Western blot analysis of SERPINA1 Antibody (Center) Cat.-No AP53855PU-N in A2058 cell line lysates (35ug/lane). SERPINA1 (arrow) was detected using the purified Pab.

