

Rabbit anti-Human Alpha 2 Antiplasmin/SERPINF2 Polyclonal Antibody | anti-SERPINF2 antibody

Anti-Alpha 2 Antiplasmin/SERPINF2 Antibody Picoband

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126369	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

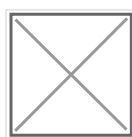
PRODUCT SYNONYMS

Alpha 2 Antiplasmin/SERPINF2; Polyclonal Antibody; Anti-Alpha 2 Antiplasmin/SERPINF2 Antibody Picoband; anti-SERPINF2 antibody

PRODUCT SPECIFICATIONS

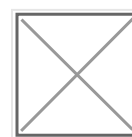
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-SERPINF2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human Alpha 2 Antiplasmin/SERPINF2 recombinant protein (Position: K461-K491).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Figure 4. IHC analysis of Alpha 2 Antiplasmin/SERPINF2 using anti-Alpha 2 Antiplasmin/SERPINF2 antibody (AAA126369). Alpha 2 Antiplasmin/SERPINF2 was detected in a paraffin-embedded section of human stomach cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-Alpha 2 Antiplasmin/SERPINF2 Antibody (AAA126369) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



IHC (Immunohistochemistry)

Figure 3. IHC analysis of Alpha 2 Antiplasmin/SERPINF2 using anti-Alpha 2 Antiplasmin/SERPINF2 antibody (AAA126369). Alpha 2 Antiplasmin/SERPINF2 was detected in a paraffin-embedded section of human lymphoma tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-Alpha 2 Antiplasmin/SERPINF2 Antibody (AAA126369) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



IHC (Immunohistochemistry)

Figure 2. IHC analysis of Alpha 2 Antiplasmin/SERPINF2 using anti-Alpha 2 Antiplasmin/SERPINF2 antibody (AAA126369). Alpha 2 Antiplasmin/SERPINF2 was detected in a paraffin-embedded section of human liver cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-Alpha 2 Antiplasmin/SERPINF2 Antibody (AAA126369) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



WB (Western Blot)

Figure 1. Western blot analysis of Alpha 2 Antiplasmin/SERPINF2 using anti-Alpha 2 Antiplasmin/SERPINF2 antibody (AAA126369). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human 293T whole cell lysates, Lane 2: human HepG2 whole cell lysates, Lane 3: human K562 whole cell lysates, Lane 4: human HCCT tissue lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-Alpha 2 Antiplasmin/SERPINF2 antigen affinity purified polyclonal antibody (#AAA126369) at 0.5 ug/mL overnight at 4 degree C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for Alpha 2 Antiplasmin/SERPINF2 at approximately 65 kDa. The expected band size for Alpha 2 Antiplasmin/SERPINF2 is at 65 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-SERPINF2 antibody	Alpha 2-antiplasmin (or alpha2-antiplasmin or plasmin inhibitor) is a serine protease inhibitor (serpin) responsible for inactivating plasmin. Plasmin is an important enzyme that participates in fibrinolysis and degradation of various other proteins. This protein is encoded by the SERPINF2 gene. This gene encodes a member of the serpin family of serine protease inhibitors. The protein is a major inhibitor of plasmin, which degrades fibrin and various other proteins. Consequently, the proper function of this gene has a major role in regulating the blood clotting pathway. Mutations in this gene result in alpha-2-plasmin inhibitor deficiency, which is characterized by severe hemorrhagic diathesis. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-SERPINF2 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	115583663
NCBI GeneID	5345
NCBI Accession #	NP_000925.2
NCBI GenBank Nucleotide #	NM_000934.3
UniProt Accession #	P08697; Q8N5U7; Q9UCG2; Q9UCG3; B4E1B7
Molecular Weight	54,566 Da
NCBI Official Full Name	alpha-2-antiplasmin isoform a
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 2
NCBI Official Symbol	SERPINF2
NCBI Official Synonym Symbols	AAP; API; PLI; A2AP; ALPHA-2-PI
NCBI Protein Information	alpha-2-antiplasmin; serpin F2; alpha-2-AP; alpha-2-plasmin inhibitor; serine (or cysteine) proteinase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 2
UniProt Protein Name	Alpha-2-antiplasmin
UniProt Gene Name	SERPINF2
UniProt Synonym Gene Names	AAP; PLI; Alpha-2-AP; Alpha-2-PI
UniProt Entry Name	A2AP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/alpha-2-antiplasmin-serpinf2-antibody-immunohistochemistry-western-blot-elisa/126369>