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Alpha 2 antiplasmin Rabbit pAb

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Catalog # AP58392

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	P08697
Reactivity	Rat, Human, Mouse
Predicted	Dog, Rabbit, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54566
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SERPINF2
Epitope Specificity	161-260/491
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted.
DISEASE	Alpha-2-plasmin inhibitor deficiency (APLID) [MIM:262850]: An autosomal recessive disorder resulting in severe hemorrhagic diathesis. Note=The disease is caused by mutations affecting the gene represented in this entry.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Alpha 2 Antiplasmin is 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.

Additional Information

Gene ID	5345
Other Names	Alpha-2-antiplasmin, Alpha-2-AP, Alpha-2-plasmin inhibitor, Alpha-2-PI, Serpin F2, SERPINF2, AAP, PLI
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

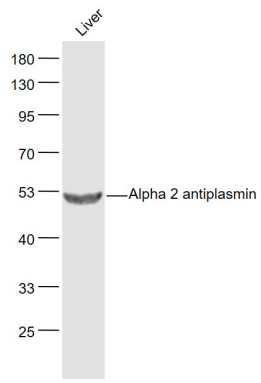
Protein Information

Name	SERPINF2
Synonyms	AAP, PLI
Function	Serine protease inhibitor. The major targets of this inhibitor are plasmin and trypsin, but it also inactivates matriptase- 3/TMPRSS7 and chymotrypsin.
Cellular Location	Secreted.
Tissue Location	Expressed by the liver and secreted in plasma.

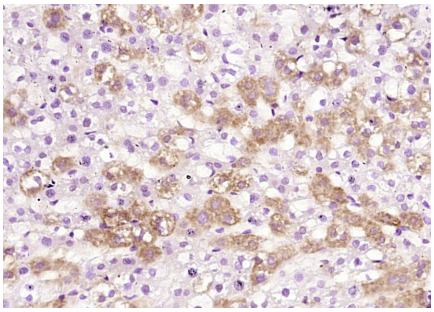
Background

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Images



Sample:
Liver (Mouse) Lysate at 40 ug
Primary: Anti- Alpha 2 antiplasmin (AP58392) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 50 kD
Observed band size: 52 kD



Paraformaldehyde-fixed, paraffin embedded (rat liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Alpha 2 antiplasmin) Polyclonal Antibody, Unconjugated (AP58392) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.