

ARG64629 anti-alpha 2 Antiplasmin antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes alpha 2 Antiplasmin
Tested Reactivity	Hu
Tested Application	ELISA, IHC-P, WB
Specificity	This antibody is expected to recognise both reported isoforms (NP_000925.2; NP_001159393.1). Reported variants represent identical protein (NP_000925.2; NP_001159392.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	alpha 2 Antiplasmin
Species	Human
Immunogen	C-KDFLQSLKGFPRGDK
Conjugation	Un-conjugated
Alternate Names	Alpha-2-AP; Serpin F2; Alpha-2-PI; Alpha-2-antiplasmin; Alpha-2-plasmin inhibitor; AAP; API; PLI; A2AP; ALPHA-2-P

Application Instructions

Application table	Application	Dilution
	ELISA	Assay - dependent
	IHC-P	3 - 5 µg/ml
	WB	0.3 - 1 µg/ml
Application Note	IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

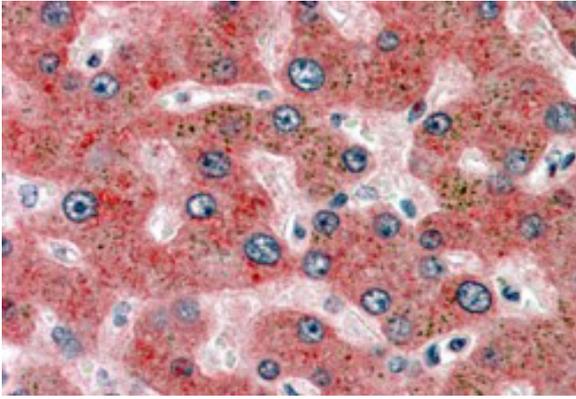
Database links	GeneID: 5345 Human Swiss-port # P08697 Human
Gene Symbol	SERPINF2
Gene Full Name	serpin family F member 2
Background	This gene encodes a member of the serpin family of serine protease inhibitors. The protein is a major inhibitor of plasmin, which degrades fibrin and various other proteins. 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. [provided by RefSeq, Sep 2009]
Function	Serine protease inhibitor. The major targets of this inhibitor are plasmin and trypsin, but it also inactivates matriptase-3/TMPRSS7 and chymotrypsin.
Research Area	Cell Biology and Cellular Response antibody; Neuroscience antibody
Calculated Mw	55 kDa
PTM	Proteolytically cleaved at Pro-39 by both the prolyl endopeptidase FAP form and antiplasmin-cleaving enzyme FAP soluble form to generate mature alpha-2-antiplasmin.
Cellular Localization	Secreted.

Images



ARG64629 anti-alpha 2 Antiplasmin antibody WB image

Western blot: Human Duodenum lysate (35 µg protein in RIPA buffer) stained with ARG64629 anti-alpha 2 Antiplasmin antibody at 0.1 µg/ml dilution.



ARG64629 anti-alpha 2 Antiplasmin antibody IHC-P image

Immunohistochemistry: Paraffin embedded Human Liver. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG64629 anti-alpha 2 Antiplasmin antibody at 3.8 µg/ml dilution followed by AP-staining.