

Recombinant Anti-Serpin A8 Rabbit mAb

Catalog # AP95218

Product Information

Application	WB, FC, IP, IF/IC
Primary Accession	P01019
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Calculated MW	52070

Additional Information

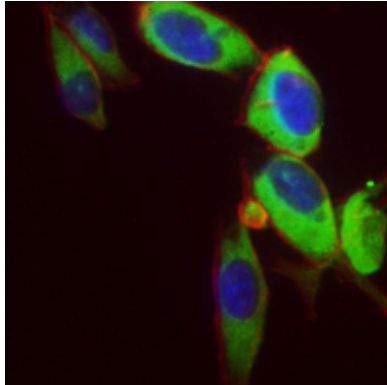
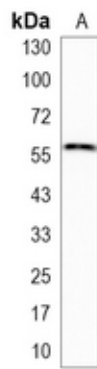
Gene ID	183
Other Names	SERPINA8; Angiotensinogen; Serpin A8
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human Serpin A8 protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) FC~~1:10~50 IP~~N/A IF/IC~~N/A
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	AGT (HGNC:333)
Synonyms	SERPINA8
Function	Essential component of the renin-angiotensin system (RAS), a potent regulator of blood pressure, body fluid and electrolyte homeostasis.
Cellular Location	Secreted
Tissue Location	Expressed by the liver and secreted in plasma.

Images

Western blot analysis of Serpin A8 expression in HepG2
(A) whole cell lysates. (Predicted band size: 52 kD;
Observed band size: 53-64 kD)



Immunofluorescent analysis of Serpin A8 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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