

Rabbit SERPINF1 Polyclonal Antibody | anti-SERPINF1 antibody

SERPINF1 Antibody (Center)

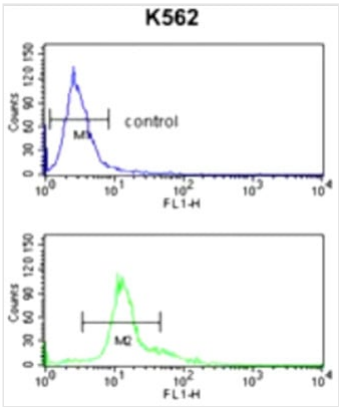
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284315	Rabbit	Human (Predicted Reactivity: Bovine, Mouse)	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

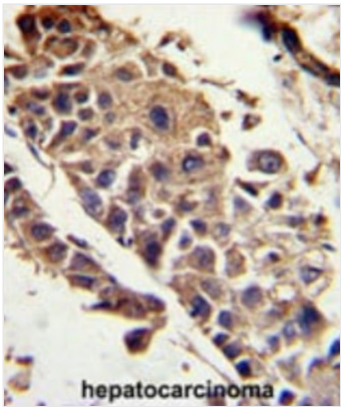
SERPINF1; Polyclonal Antibody; SERPINF1 Antibody (Center); Pigment epithelium-derived factor; PEDF; Cell proliferation-inducing gene 35 protein; EPC-1; Serpin F1; anti-SERPINF1 antibody

PRODUCT SPECIFICATIONS

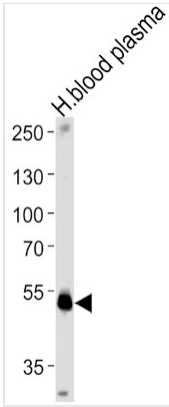
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This SERPINF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 279-306 amino acids from the Central region of human SERPINF1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Sequence Length	418
Applicable Applications for anti-SERPINF1 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Antigen Region	279-306
Function	Neurotrophic protein; induces extensive neuronal differentiation in retinoblastoma cells. Potent inhibitor of angiogenesis. As it does not undergo the S (stressed) to R (relaxed) conformational transition characteristic of active serpins, it exhibits no serine protease inhibitory activity.
Cellular Location	Secreted. Melanosome. Note=Enriched in stage I melanosomes
Tissue Location	Retinal pigment epithelial cells and blood plasma.
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
SERPINF1 Antibody (Center) flow cytometry analysis of K562 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with SERPINF1 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
SERPINF1 Antibody (Center) western blot analysis in human blood plasma tissue lysates (35ug/lane).This demonstrates the SERPINF1 antibody detected the SERPINF1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SERPINF1 antibody	SERPINF1 is a member of the serpin family. Serpins are a group of serine protease inhibitors, some of which have also been reported to exhibit neurotrophic activity.
Product Categories/Family for anti-SERPINF1 antibody	Crown Antibodies; Cancer; Cardiovascular; Signal Transduction
References	Bessho,H., Kondo,N. Mol. Vis. 15, 1107-1114 (2009) Petersen,S.V., Valnickova,Z. Biochem. J. 374 (PT 1), 199-206 (2003) Tombran-Tink,J., Pawar,H. Genomics 19 (2), 266-272 (1994)

NCBI AND UNIPROT INFORMATION

NCBI GI #	39725934
NCBI GeneID	5176
NCBI Accession #	NP_002606.3
NCBI GenBank Nucleotide #	NM_002615.5
UniProt Accession #	P36955; Q13236; Q2TU83; Q96CT1; Q96R01; Q9BWA4; F1T092

NCBI Official Full Name	pigment epithelium-derived factor
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 1
NCBI Official Symbol	SERPINF1
NCBI Official Synonym Symbols	OI6; OI12; PEDF; EPC-1; PIG35
NCBI Protein Information	pigment epithelium-derived factor
UniProt Protein Name	Pigment epithelium-derived factor
UniProt Gene Name	SERPINF1
UniProt Synonym Gene Names	PEDF; PEDF
UniProt Entry Name	PEDF_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/serpinf1-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/284315>