

**SERPINF1 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP7315c****Specification**

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**SERPINF1 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [P36955](#)**SERPINF1 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 5176**Other Names**

Pigment epithelium-derived factor, PEDF, Cell proliferation-inducing gene 35 protein, EPC-1, Serpin F1, SERPINF1, PEDF

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP7315c](/products/AP7315c) was selected from the Center region of human SERPINF1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**SERPINF1 Antibody (Center) Blocking Peptide - Protein Information****Name** SERPINF1**Synonyms** PEDF**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.

**SERPINF1 Antibody (Center) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**SERPINF1 Antibody (Center) Blocking Peptide - Images****SERPINF1 Antibody (Center) Blocking Peptide - Background**

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.

**SERPINF1 Antibody (Center) Blocking Peptide - 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)