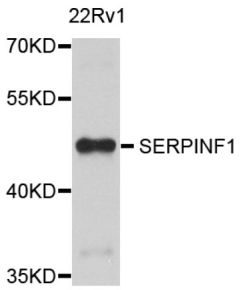
Pigment Epithelium-Derived Factor / PEDF (SERPINF1) Antibody

Catalogue No.:abx001406



Western blot analysis of extracts of 22Rv1 cells, using SERPINF1 antibody (abx001406) at 1/1000 dilution.

Pigment Epithelium-Derived Factor / PEDF (SERPINF1) Antibody is a Rabbit Polyclonal antibody against SERPINF1. Pigment epithelium-derived growth factor (PEDF), also known as EPC-1 (early population doubling level cDNA-1), is a glycoprotein found naturally in the normal eye. PEDF has reported neuroprotective and differentiation properties and is secreted in abundance by retinal pigment epithelium cells. It belongs to the serine protease inhibitor (Serpin) superfamily and has been reported to inhibit angiogenesis and proliferation of several cell types. The pooling of PEDF within the interphotoreceptor matrix places this molecule in a prime physical location to affect the underlying neural retina. Additionally, PEDF induces neuronal differentiation and promotes survival of neurons of the central nervous system from degeneration caused by serum withdrawal or glutamate cytotoxicity.

Target:	Pigment Epithelium-Derived Factor / PEDF (SERPINF1)
Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	WB
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 141-240 of human PEDF/SERPINF1.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

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UniProt Primary AC:	P36955 (UniProt, ExPASy)
Gene Symbol:	SERPINF1
GeneID:	5176
OMIM:	172860
NCBI Accession:	NP_002606.3
HGNC:	8824
KEGG:	hsa:5176
Ensembl:	ENSG00000132386
String:	9606.ENSP00000254722
Molecular Weight:	Calculated MW: 46 kDa Observed MW: 46 kDa
Buffer:	PBS, pH 7.3, containing 0.09% sodium azide, 50% glycerol.
Concentration:	> 0.2 mg/ml
Note:	This product is for research use only.

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