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	CRABBIT; POLYCLONAL; Λ	AFFINITY PL	JR.)		
	> CATALOG NO.:	AB-PED	DF2		
	> LOT. NO.:	006-018	3		
	QUANTITY:	1 mg			
	> SOURCE:		α-PEDF Antibo antibody raisec	dy is an affir I against pur	nity purified rabbit polyclonal ified human PEDF protein.
	RECONSTITUTION:		Reconstitute ly	ophilized α-F	PEDF Antibody in 1 mL diH ₂ O.
	> CONCENTRATION:		1.0 mg/mL afte	r reconstituti	on.
	PURITY & STERILIT	ΓΥ:	α-PEDF Antibo SDS-PAGE. α- sample. The pr filtration after re Note: This pro Not for t	dy has been PEDF Antibo oduct may b econstitution oduct is for i use in clinic	shown to be >90% pure by ody is provided as a non-sterile e rendered sterile by 0.22 μm research use only. al or diagnostic procedures.
	> SPECIFICITY:		α-PEDF Antibo Blotting. Recon 1:1,000 – 1:10,	dy reacts sp nmended dil 000. Recom	ecifically with PEDF by Western ution range for Western analysis: mended starting dilution: 1:5,000.
	STORAGE & HANDL	.ING:	α-PEDF Antibo This product is Store at 4ºC. D	dy is shippe stable for at o Not Freez	d at ambient temperature. least 1 year following receipt. e!
	BACKGROUND:		Pigment epithe in neuronal diffi- retina and CNS is down-regulat interesting factor into the interphicells. PEDF red those cells that apoptosis. PED of NFκB, which and/or neurotro development, re is evident in an	lium-derived erentiation a S. PEDF inhil ted over the or is secreter otoreceptor ceptors have are protected of promotes in turn indu- ophic factor of naintenance imal models	factor (PEDF) is a protein that acts nd survival in cells derived from the bits angiogenesis and its expression replicative lifespan of mammals. This d by retinal pigment epithelial cells matrix, where it acts on photoreceptor been localized to photoreceptors, ed from light-induced damage and neuronal survival through activation ces expression of anti-apoptotic genes. Its importance in the , and function of the retina and CNS for inherited and light induced retinal



REFERENCES:

degeneration, as well as for degeneration of spinal cord motor neurons, and animal models for diseases triggered by choroidal and retinal neovascularization. PEDF is a member of the serpin superfamily of protease inhibitors, but it has characteristics of a substrate rather than an inhibitor of serine proteases. An Nterminus peptide region provides the neurotrophic function to the PEDF protein while other structural characteristics are dispensable (e.g. signal peptide, oligosaccharides on the polypeptide backbone, serpin exposed loop).

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Cat. No.:	AB-PEDF1	(100 µg)	α-PEDF (Rabbit) Antibody
Cat. No.:	AB-PEDF2	(1 mg)	α-PEDF (Rabbit) Antibody



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