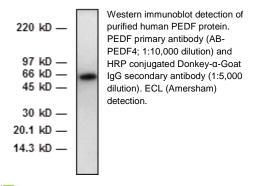
	Xpress Bio	9/		Address:	4650 Wedgewood Blvd., STE 103 Frederick, MD 21703
				Phone:	(301) 228-2444
Bic	ProductsMI			Fax:	(301) 560-6570
				E-mail:	xpressbio@xpressbio.com
				Web:	www.xpressbio.com
	α-PEDF Ab (goat; polyclonal; aff	•	-		
	> CATALOG NO.:	AB-PED	DF7		
) LOT. NO.:	201002			
	QUANTITY:	50 µg			
	> SOURCE:		•		dy is an affinity purified goat against purified human PEDF protein.
	> RECONSTITUTION:		Reconstitute ly	ophilized α-F	PEDF Antibody in 50 μ L diH ₂ O.
	> CONCENTRATION:		1.0 mg/mL afte	r reconstituti	on.
	> PURITY & STERILIT	Y:	SDS-PAGE. α- sample. The pr filtration after re Note: This pro	PEDF Antibo oduct may b econstitution oduct is for i	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	dy reacts sp	ecifically with PEDF by Western
			Blotting. Recon	nmended dil	ution range for Western analysis:
			1:500 - 1:2,500). Recommer	nded starting dilution: 1:1,000.
	> STORAGE & HANDL	ING:		stable for at	d at ambient temperature. least 1 year following receipt. e!
	BACKGROUND:		in neuronal diff retina and CNS is down-regular interesting factor into the interph cells. PEDF red those cells that apoptosis. PED of NFκB, which and/or neurotro development, r	erentiation a S. PEDF inhibited over the or is secreted otoreceptor is ceptors have are protected of promotes in turn induced phic factor genaintenance	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



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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-PEDF7 (50 µg)



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