For Research Use Only

PDGFR alpha Polyclonal antibody Catalog Number: 10945-1-AP 1 Publications



Basic Information	Catalog Number: 10945-1-AP	GenBank Accessi BC015186	on Number:	Purification Method: Antigen affinity purification				
	Size: 293 µg/ml	GenelD (NCBI): 5156		Recommended Dilutions: IHC 1:50-1:500				
	Source: Rabbit	UNIPROT ID: P16234	UNIPROT ID: P16234					
	lsotype: IgG	Full Name: platelet-derived growth factor						
	Immunogen Catalog Number:receptor, alpha polypeptidAG1385Calculated MW:123 kDa		olypeptide					
Applications	Tested Applications: IHC, ELISA		Positive Controls:					
	Cited Applications: WB Species Specificity: human, mouse, rat Cited Species: human							
					Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0			
					Background Information	Platelet-derived growth factor receptor alpha (PDGFRA, also known as CD140a) is a cell surface tyrosine kinase receptor for members of the platelet-derived growth factor family. PDGFRA is implicated in the regulation of embryonic development, tumorigenesis, cell proliferation, survival, and chemotaxis. Mutations in the PDGFRA gene have been associated with idiopathic hypereosinophilic syndrome, somatic and familial gastrointestinal stromal tumors, and a variety of other cancers.		
	Notable Publications	Author	Pubmed ID J	ournal	Application			
Tingting Li		38186571 (Oncol Res	WB				
Storage	Storage: Store at -20°C. Stable for one yea Storage Buffer: PBS with 0.02% sodium azide an Aliquoting is unnecessary for -20	r after shipment. d 50% glycerol pH 7.3. υ [°] C storage						

For technical support and original validation data for this product please contact: E: Proteintech-CN@ptglab.com T: 4006900926 W: ptgcn.com

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Selected Validation Data



Immunohistochemical analysis of paraffinembedded mouse liver using 10945-1-AP (PDGFRA antibody) at dilution of 1:50 (under 40x lens).