



PDGFR- α Polyclonal Antibody

Cat #: ABP52996

Size: 30 μ l /100 μ l /200 μ l

Product Information

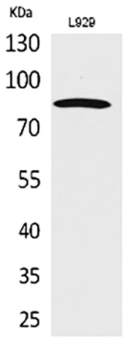
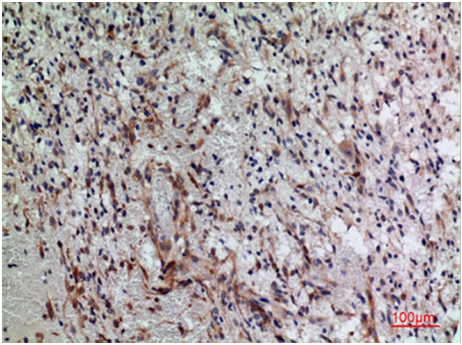
	Product Name: PDGFR- α Polyclonal Antibody		
	Applications: WB, IHC-P, ELISA		Isotype: Rabbit IgG
	Reactivity: Human, Mouse, Rat		
REF	Catalog Number: ABP52996	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: PDGFRA encodes a cell surface tyrosine kinase receptor for members of the platelet-derived growth factor family. These growth factors are mitogens for cells of mesenchymal origin. The identity of the growth factor bound to a receptor monomer determines whether the functional receptor is a homodimer or a heterodimer, composed of both platelet-derived growth factor receptor alpha and beta polypeptides. Studies suggest that this gene plays a role in organ development, wound healing, and tumor progression. Mutations in this gene have been associated with idiopathic hypereosinophilic syndrome, somatic and familial gastrointestinal stromal tumors, and a variety of other cancers.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), ELISA (1:20000). Not yet tested in other applications.

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

 <p>Western blot analysis of L929 cells. The molecular weight markers (kDa) are indicated on the left: 130, 100, 70, 55, 40, 35, and 25. A single band is visible at approximately 100 kDa, labeled 'L929'.</p>	<p>Fig.1. Western Blot analysis of L929 cells using PDGFR-α Polyclonal Antibody. Secondary antibody (catalog#: A21020) was diluted at 1:20000.</p>
 <p>Immunohistochemical analysis of paraffin-embedded human brain tissue. The image shows brown staining (DAB) indicating the presence of PDGFR-α. A scale bar in the bottom right corner indicates 100 μm.</p>	<p>Fig.2. Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100.</p>

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