

PDGF-A Rabbit pAb

CatalogNo: YT3630

Orthogonal Validated 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, ELISA

MW

- 17kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000

IHC 1:100-1:300

ELISA 1:40000

IF 1:50-200

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

The antiserum was produced against synthesized peptide derived from human PDGF-A. AA range: 105-154

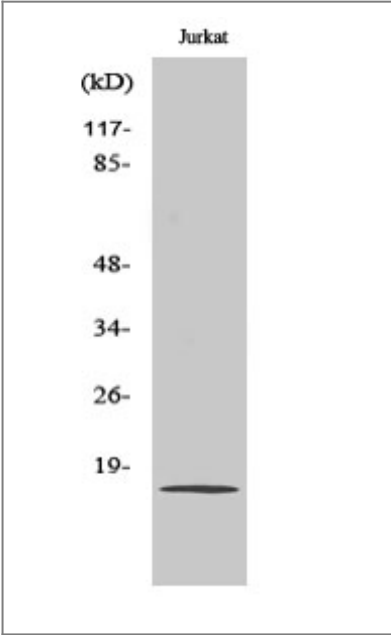
Specificity

PDGF-A Polyclonal Antibody detects endogenous levels of PDGF-A protein.

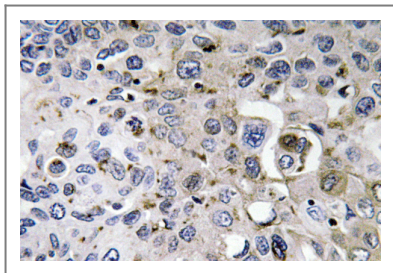
Target Information

Gene name	PDGFA		
Protein Name	Platelet-derived growth factor subunit A		
	Organism	Gene ID	UniProt ID
	Human	5154 ;	P04085 ;
	Mouse	18590 ;	P20033 ;
	Rat	25266 ;	P28576 ;
Cellular Localization	Secreted. Released by platelets upon wounding.		
Tissue specificity	PCR rescued clones,		
Function	Domain:The long form contains a basic insert which acts as a cell retention signal.,Function:Platelet-derived growth factor is a potent mitogen for cells of mesenchymal origin. Binding of this growth factor to its affinity receptor elicits a variety of cellular responses. It is released by platelets upon wounding and plays an important role in stimulating adjacent cells to grow and thereby heals the wound.,miscellaneous:A-A and B-B, as well as A-B, dimers can bind to the PDGF receptor.,similarity:Belongs to the PDGF/VEGF growth factor family.,subunit:Antiparallel disulfide-linked dimer of non-identical (A and B) chains. Homodimers of A and B chains are implicated in transformation processes. Interacts with CSPG4.,		

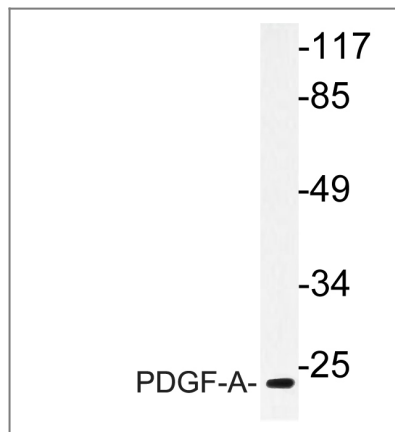
| Validation Data



Western Blot analysis of various cells using PDGF-A Polyclonal Antibody



Immunohistochemistry analysis of PDGF-A antibody in paraffin-embedded human lung carcinoma tissue.



Western blot analysis of lysate from Jurkat cells, using PDGF-A antibody.

Contact information

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Please scan the QR code
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 product information:
PDGF-A Rabbit pAb

For Research Use Only. Not for Use in Diagnostic Procedures.

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