

**Anti-PDGFA Antibody**  
**Rabbit polyclonal antibody to PDGFA**  
**Catalog # AP59654****Specification**

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**Anti-PDGFA Antibody - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">P04085</a>
Other Accession	<a href="#">P20033</a>
Reactivity	Human, Mouse, Rat, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24043

**Anti-PDGFA Antibody - Additional Information****Gene ID** 5154**Other Names**

PDGF1; Platelet-derived growth factor subunit A; PDGF subunit A; PDGF-1; Platelet-derived growth factor A chain; Platelet-derived growth factor alpha polypeptide

**Target/Specificity**

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human PDGFA. The exact sequence is proprietary.

**Dilution**

WB~~WB (1/500 - 1/1000), IH (1/100 - 1/200)

IHC~~1:100~500

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C.Stable for 12 months from date of receipt

**Anti-PDGFA Antibody - Protein Information****Name** PDGFA**Synonyms** PDGF1**Function**

Growth factor that plays an essential role in the regulation of embryonic development, cell proliferation, cell migration, survival and chemotaxis. Potent mitogen for cells of mesenchymal origin. Required for normal lung alveolar septum formation during embryogenesis, normal development of the gastrointestinal tract, normal development of Leydig cells and

spermatogenesis. Required for normal oligodendrocyte development and normal myelination in the spinal cord and cerebellum. Plays an important role in wound healing. Signaling is modulated by the formation of heterodimers with PDGFB (By similarity).

#### Cellular Location

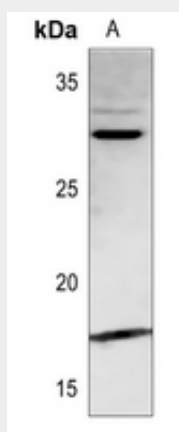
Secreted. Note=Released by platelets upon wounding

#### Anti-PDGFA Antibody - Protocols

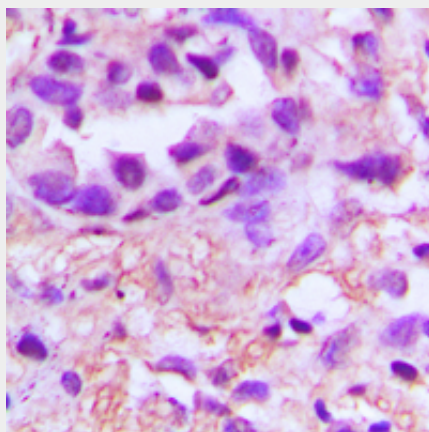
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### Anti-PDGFA Antibody - Images



Western blot analysis of PDGFA expression in mouse lung (A) whole cell lysates.



Immunohistochemical analysis of PDGFA staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with

sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

**Anti-PDGFA Antibody - Background**

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