

# PDGFA Rabbit pAb

Catalog No.: A17434 **1 Publications**

## Basic Information

### Observed MW

**Calculated MW**  
24kDa

**Category**  
Primary antibody

**Applications**  
ELISA, IHC-P

**Cross-Reactivity**  
Human, Mouse

## Background

This gene encodes a member of the protein family comprised of both platelet-derived growth factors (PDGF) and vascular endothelial growth factors (VEGF). The encoded preproprotein is proteolytically processed to generate platelet-derived growth factor subunit A, which can homodimerize, or alternatively, heterodimerize with the related platelet-derived growth factor subunit B. These proteins bind and activate PDGF receptor tyrosine kinases, which play a role in a wide range of developmental processes. Alternative splicing results in multiple transcript variants.

## Recommended Dilutions

IHC-P 1:50 - 1:200

## Immunogen Information

<b>Gene ID</b> 5154	<b>Swiss Prot</b> P04085
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### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 21-110 of human PDGFA (NP\_002598.4).

### Synonyms

PDGF1; PDGF-A; PDGFA

## Contact

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## Product Information

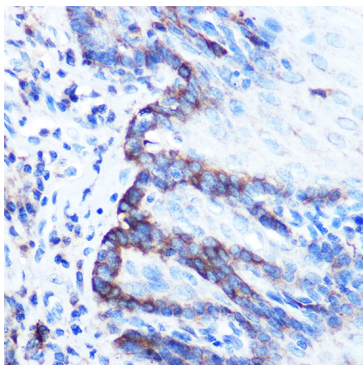
<b>Source</b> Rabbit	<b>Isotype</b> IgG	<b>Purification</b> Affinity purification
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### Storage

Store at -20°C. Avoid freeze / thaw cycles.  
Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Immunohistochemistry analysis of PDGFA in paraffin-embedded human esophageal using PDGFA Rabbit pAb (A17434) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.