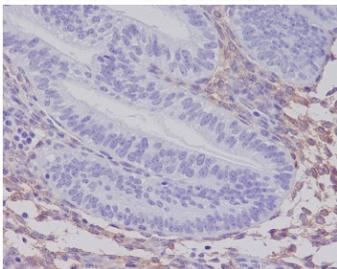


## PDGFRB Antibody [clone AGG-16] (RQ5280)

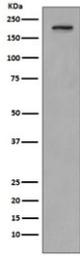
Catalog No.	Formulation	Size
RQ5280	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

[Bulk quote request](#)

<b>Availability</b>	1-2 weeks
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Rabbit Monoclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Name</b>	AGG-16
<b>Purity</b>	Affinity purified
<b>UniProt</b>	P09619
<b>Localization</b>	Cell membrane, cytoplasmic (lysosome)
<b>Applications</b>	Western Blot : 1:500-1:2000 Immunohistochemistry (FFPE) : 1:50-1:200
<b>Limitations</b>	This PDGFRB antibody is available for research use only.



IHC staining of FFPE human uterus tissue with PDGFRB antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.



Western blot testing of human SH-SY5Y cell lysate with PDGFRB antibody. Expected molecular weight: 123-190 kDa depending on level of glycosylation.

## Description

The protein encoded by the PDGFRB gene is 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 (PDGFB or PDGFD) or a heterodimer (PDGFA and PDGFB). This gene is essential for normal development of the cardiovascular system and aids in rearrangement of the actin cytoskeleton. [RefSeq]

## Application Notes

Optimal dilution of the PDGFRB antibody should be determined by the researcher.

## Immunogen

A synthetic peptide specific to human PDGF Receptor beta / PDGFRB was used as the immunogen for the PDGFRB antibody.

## Storage

Store the PDGFRB antibody at -20oC.