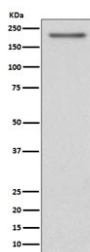


## PDGFRA Antibody / Platelet Derived Growth Factor Receptor alpha [clone AAOE-16] (RQ5478)

Catalog No.	Formulation	Size
RQ5478	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>	AAOE-16
<b>Purity</b>	Affinity purified
<b>UniProt</b>	P16234
<b>Applications</b>	Western Blot : 1:500-1:2000
<b>Limitations</b>	This PDGFRA antibody is available for research use only.



Western blot testing of human SH-SY5Y cell lysate with PDGFRA antibody. Expected molecular weight: 120-195 kDa.

### Description

The PDGFRA gene 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. [RefSeq]

## **Application Notes**

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

## **Immunogen**

A synthetic peptide specific to human PDGFR alpha / PDGFRA was used as the immunogen for the PDGFRA antibody.

## **Storage**

Store the PDGFRA antibody at -20oC.