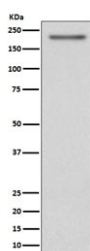


PDGFRA Antibody / Platelet Derived Growth Factor Receptor alpha [clone AAOE-16] (RQ5478)

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](#)

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AAOE-16
Purity	Affinity purified
UniProt	P16234
Applications	Western Blot : 1:500-1:2000
Limitations	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.