

PDGF Receptor α Rabbit Polyclonal Antibody

Catalog #: EAB10416

| Host/Isotype | Clonality | Applications | MW (kDa) | Reactivity |
|--------------|------------|--------------------------|----------|-------------------|
| Rabbit IgG | Polyclonal | WB, IHC-P, IF/ICC, ELISA | 123 | Human, Mouse, Rat |

Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| WB(Western Blotting) | 1:500-2000 |
|--|--------------|
| IHC-P(Immunohistochemistry-Paraffin) | 1:50-300 |
| IF/ICC(Immunofluorescence/Immunocytochemistry) | 1:50-300 |
| ELISA(Enzyme-linked Immunosorbent Assay) | 1:5000-20000 |

Product Information

| Conjugate | Unconjugate |
|----------------|---|
| Specificity | PDGF Receptor α Rabbit Polyclonal Antibody detects endogenous levels of PDGF Receptor α protein. |
| Purification | Affinity purification |
| Concentration | 1mg/ml |
| Format | Liquid |
| Formulation | In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol |
| Shipping | Gel Pack |
| Storage | Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks |
| UniProt ID | <u>P16234</u> |
| Entrez-Gene Id | <u>5156</u> |

Product Description

This 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.

For Reserch Use Only. Not For Use In Diagnostic Procedures

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