

## PDGFR alpha Antibody | anti-PDGFR alpha antibody

PDGFR alpha Antibody

|                               |                                        |                                                                        |
|-------------------------------|----------------------------------------|------------------------------------------------------------------------|
| CATALOG #<br><b>AAA267552</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Immunofluorescence, Immunohistochemistry</b> |
|-------------------------------|----------------------------------------|------------------------------------------------------------------------|

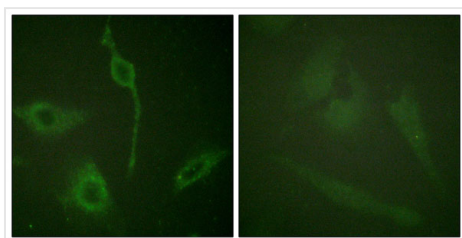
### PRODUCT SYNONYMS

PDGFR alpha; PDGFR alpha Antibody; Alpha platelet-derived growth factor receptor precursor; CD140a; EC 2.7.10.1; PDGF-R-alpha; PDGFR-alpha; PGFRA; kinase PDGFR-alpha; anti-PDGFR alpha antibody

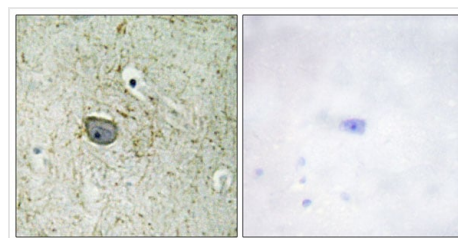
### PRODUCT SPECIFICATIONS

|                                                       |                                                                                                                |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Reactivity                                            | Human, Mouse, Rat                                                                                              |
| Specificity                                           | PDGFR alpha antibody detects endogenous levels of total PDGFR alpha protein.                                   |
| Purity/Purification                                   | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.           |
| Form/Format                                           | In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Sequence Length                                       | 1089                                                                                                           |
| Applicable Applications for anti-PDGFR alpha antibody | ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)                                                     |
| Immunogen                                             | The antiserum was produced against synthesized peptide derived from Internal of human PDGFR alpha.             |
| Preparation and Storage                               | Store at -20 degree C for 1 year.                                                                              |

### IMAGES



IHC (Immunohistochemistry)  
EGF +/- Immunohistochemistry analysis of paraffin-embedded human brain tissue using PDGFR alpha antibody. Immunofluorescence analysis of HeLa cells, treated with EGF (20nM, 5mins), using PDGFR alpha antibody.



Application Data  
Peptide+

### ADDITIONAL INFORMATION

|            |                                                                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| References | Claesson-Welsh L., Proc. Natl. Acad. Sci. U.S.A. 86:4917-4921(1989). Matsui T., Science 243:800-804(1989). Kawagishi J., Genomics 30:224-232(1995). |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                  |                                |
|------------------|--------------------------------|
| NCBI GI #        | <a href="#">1115538446</a>     |
| NCBI GeneID      | <a href="#">5156</a>           |
| NCBI Accession # | <a href="#">NP_001334758.1</a> |

|                                  |                                                         |
|----------------------------------|---------------------------------------------------------|
| NCBI GenBank Nucleotide #        | NM_001347829.1                                          |
| UniProt Accession #              | P16234; Q6P4H5; Q96KZ7; Q9UD28; B2RE69; E9PBH0          |
| Molecular Weight                 | 82,809 Da                                               |
| NCBI Official Full Name          | platelet-derived growth factor receptor alpha isoform 1 |
| NCBI Official Synonym Full Names | platelet derived growth factor receptor alpha           |
| NCBI Official Symbol             | PDGFRA                                                  |
| NCBI Official Synonym Symbols    | CD140A; PDGFR2; PDGFR-2                                 |
| NCBI Protein Information         | platelet-derived growth factor receptor alpha           |
| UniProt Protein Name             | Platelet-derived growth factor receptor alpha           |
| UniProt Gene Name                | <b>PDGFRA</b>                                           |
| UniProt Synonym Gene Names       | PDGFR2; RHEPDGFRA; PDGF-R-alpha; PDGFR-alpha; PDGFR-2   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/pdgr-alpha/267552>