

Product Datasheet

PDGFR α Antibody

Catalog No: CY3027

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB IHC IF



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Information

UniProt ID: P16234

All Names: Alpha platelet-derived growth factor receptor precursor, CD140a, PDGF-R-alpha, PDGFR-alpha, PGFRA, kinase PDGFR-alpha

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide derived from human PDGFR α

Molecular Wt.: 140 kDa

Application

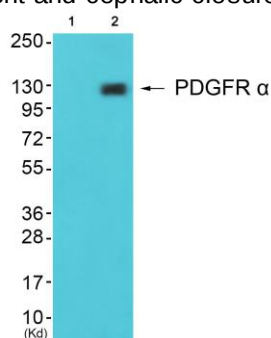
WB: 1:500~1:2000

IHC: 1:50~1:200

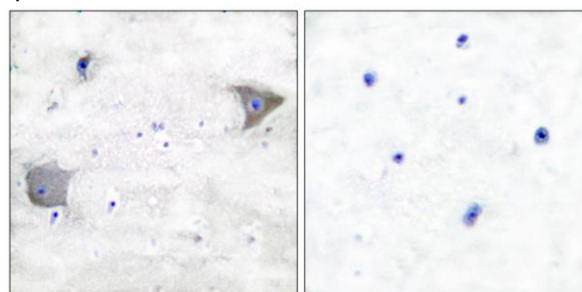
IF: 1:100~1:500

Background

Tyrosine-protein kinase that acts as a cell-surface receptor for PDGFA, PDGFB and PDGFC and plays an essential role in the regulation of embryonic development, cell proliferation, survival and chemotaxis. Depending on the context, promotes or inhibits cell proliferation and cell migration. Plays an important role in the differentiation of bone marrow-derived mesenchymal stem cells. Required for normal skeleton development and cephalic closure during embryonic development.



Western blot analysis of extracts from HepG2 cells, using PDGFR α antibody.



Immunohistochemical analysis of paraffin-embedded human brain tissue using PDGFR α antibody.

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