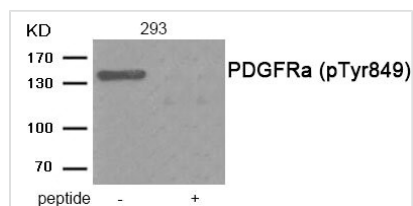




Phospho-PDGFRα (Tyr849) Antibody

Product Code	CSB-PA123585
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P16234
Immunogen	Peptide sequence around phosphorylation site of Tyrosine849(S-N-Y(p)-V-S) derived from Human PDGFRα.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of PDGFRα only when phosphorylated at tyrosine 849.
Tested Applications	ELISA,WB;WB:1:500-1:1000
Relevance	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. Required for normal development of the mucosa lining the gastrointestinal tract, and for recruitment of mesenchymal cells and normal development of intestinal villi. Rikova K, et al. (2007) Cell 131, 1190-203 Moritz A, et al. (2010) Sci Signal 3, ra64 Guo A, et al. (2008) Proc Natl Acad Sci U S A 105, 692-7
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Clonality	Polyclonal
Alias	CD140a; PDGFR-α; PGFRA; kinase PDGFR-α;
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	PDGFRα
Image	



Western blot analysis of extracts from 293 tissue using PDGFRa (Phospho-Tyr849) antibody. The lane on the right is treated with the antigen-specific peptide.

Product Modify

Phospho-Tyr849