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Phospho-PDGFRB-Y771 Rabbit pAb

货号: **AYP21350**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 1:500 - 1:2000
理论分子量	124kDa
实测分子量	190kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	NIH/3T3
细胞定位	Cell membrane,Cytoplasmic vesicle,Lysosome lumen,Single-pass type I membrane protein
纯化	Affinity purification

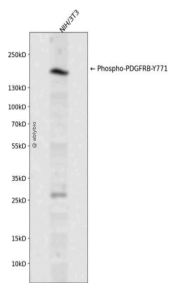
抗原信息

抗原信息	A synthetic phosphorylated peptide around Y771 of human PDGFRB (NP_002600.1).
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靶点信息

研究背景	The protein encoded by this gene is 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 (PDGFB or PDGFD) or a heterodimer (PDGFA and PDGFB). This gene is essential for normal development of the cardiovascular system and aids in rearrangement of the actin cytoskeleton. This gene is flanked on chromosome 5 by the genes for granulocyte-macrophage colony-stimulating factor and macrophage-colony stimulating factor receptor; all three genes may be implicated in the 5-q syndrome. A translocation between chromosomes 5 and 12, that fuses this gene to that of the ETV6 gene, results in chronic myeloproliferative disorder with eosinophilia.
基因ID	5159
基因名	PDGFRB
Swiss	P09619 (https://www.uniprot.org/uniprotkb/P09619/entry)
别名	CD140B,IBGC4,IMF1,JTK12,KOGS,PDGFR,PDGFR-1,PDGFR1,PENTT,PDGF Receptor beta,PDGFRB,PDGFR beta,Phospho-PDGFRB-Y771 Rabbit pAb,Beta platelet-derived growth factor receptor,Beta-type platelet-derived growth factor receptor,CD140 antigen-like family member B,Platelet-derived growth factor receptor 1

产品验证



Western blot analysis of Phospho-PDGFRB-Y771 expressed in NIH/3T3 using Phospho-PDGFRB-Y771 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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