

**PLEKHG5 (Phospho ser881) rabbit pAb**

<b>Catalog No :</b>	YP1795
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB
<b>Target :</b>	PLEKHG5
<b>Fields :</b>	>>Pathways in cancer
<b>Gene Name :</b>	PLEKHG5 KIAA0720
<b>Protein Name :</b>	PLEKHG5 (Phospho-ser881)
<b>Human Gene Id :</b>	57449
<b>Human Swiss Prot No :</b>	O94827
<b>Mouse Gene Id :</b>	269608
<b>Mouse Swiss Prot No :</b>	Q66T02
<b>Rat Gene Id :</b>	310999
<b>Rat Swiss Prot No :</b>	Q6RFZ7
<b>Immunogen :</b>	Synthesized peptide derived from human PLEKHG5 (Phospho-ser881)
<b>Specificity :</b>	This antibody detects endogenous levels of PLEKHG5 (Phospho-ser881) at Human, Mouse,Rat
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000

**Purification :** The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.

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**Concentration :** 1 mg/ml

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**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

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**Molecularweight :** 117kD

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**Subcellular Location :** Cytoplasm . Cytoplasm, perinuclear region . Cell membrane . Cell junction . Cell projection, lamellipodium . Predominantly cytoplasmic, however when endothelial cells are stimulated with lysophosphatidic acid, PLEKHG5 is found in perinuclear regions and at the cell membrane. Localizes at cell-cell junctions in quiescent endothelial cells, and relocalizes to cytoplasmic vesicle and the leading edge of lamellipodia in migrating endothelial cells. .

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**Expression :** Predominantly expressed in the peripheral nervous system and brain. Highest expression is observed in heart, lung, kidney, testis and moderate expression is present in spleen, pancreas, skeletal muscle, ovary and liver. Weakly expressed in glioblastoma (GBM) cell lines.

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