

PLEKHG5 (Phospho ser881) rabbit pAb

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

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

Concentration : 1 mg/ml

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

Molecularweight : 117kD

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 relocates to cytoplasmic vesicle and the leading edge of lamellipodia in migrating endothelial cells. .

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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