

EFNA1 (Cleaved-Ser182) rabbit pAb

Catalog No :	YC0155
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	Ephrin-A1
Fields :	>>MAPK signaling pathway;>>Ras signaling pathway;>>Rap1 signaling pathway;>>PI3K-Akt signaling pathway;>>Axon guidance;>>MicroRNAs in cancer
Gene Name :	EFNA1 EPLG1 LERK1 TNFAIP4
Protein Name :	EFNA1 (Cleaved-Ser182)
Human Gene Id :	1942
Human Swiss Prot No :	P20827
Mouse Gene Id :	13636
Mouse Swiss Prot No :	P52793
Rat Gene Id :	94268
Rat Swiss Prot No :	P97553
Immunogen :	Synthesized peptide derived from human EFNA1 (Cleaved-Ser182)
Specificity :	This antibody detects endogenous levels of Human,Mouse,Rat EFNA1 (Cleaved-Ser182, protein was cleaved amino acid sequence between 182-183)
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:1000-2000 ELISA 1:5000-20000

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)
Observed Band :	16 22kD
Background :	induction:By TNF-alpha and interleukin-1 beta.,similarity:Belongs to the ephrin family.,subunit:Binds to the receptor tyrosine kinases EPHA2, EPHA4, EPHA5, EPHA6 and EPHA7. Also binds with low affinity to EPHA1.,
Function :	MAPKKK cascade, activation of MAPK activity, protein amino acid phosphorylation, phosphorus metabolic process,phosphate metabolic process, cell surface receptor linked signal transduction, enzyme linked receptor protein signaling pathway, transmembrane receptor protein tyrosine kinase signaling pathway, intracellular signaling cascade,protein kinase cascade, cell-cell signaling, regulation of cell morphogenesis involved in differentiation, regulation of neuron projection development, phosphorylation, regulation of phosphate metabolic process, regulation of cell morphogenesis, neuron differentiation, regulation of cell projection organization, positive regulation of kinase activity,regulation of phosphorylation, positive regulation of catalytic activity, regulation of MAP kinase activity, positive regulation of MAP kinase activity, regulation of kinase activity, positive regulation of mol
Subcellular Location :	Cell membrane ; Lipid-anchor, GPI-anchor .; [Ephrin-A1 , secreted form]: Secreted .
Expression :	Brain. Down-regulated in primary glioma tissues compared to the normal tissues. The soluble monomeric form is expressed in the glioblastoma multiforme (GBM) and breast cancer cells (at protein level).

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