



PHACTR1 Rabbit pAb

Catalog No	YP-Ab-19256
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	PHACTR1 KIAA1733 RPEL1
Protein Name	Phosphatase and actin regulator 1
Immunogen	Synthesized peptide derived from human PHACTR1
Specificity	This antibody detects endogenous levels of PHACTR1 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Calculated Molecular Weight	64kD
Cell Pathway	Cytoplasm . Cell junction, synapse . Nucleus . Enriched at synapses (By similarity). Cytoplasmic in resting cells, and is imported into the nucleus upon serum stimulation. Interaction with actin prevents nuclear import (By similarity). .
Tissue Specificity	Detected in umbilical vein endothelial cells.
Function	Binds actin monomers (G actin) and plays a role in multiple processes including the regulation of actin cytoskeleton dynamics, actin stress fibers formation, cell motility and survival, formation of tubules by endothelial cells, and regulation of PPP1CA activity . Involved in the regulation of cortical neuron migration and dendrite arborization (By similarity).
Background	
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images