



# PHACTR1 Rabbit pAb

<b>Catalog No</b>	YP-Ab-19256
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human,Mouse,Rat
<b>Applications</b>	WB
<b>Gene Name</b>	PHACTR1 KIAA1733 RPEL1
<b>Protein Name</b>	Phosphatase and actin regulator 1
<b>Immunogen</b>	Synthesized peptide derived from human PHACTR1
<b>Specificity</b>	This antibody detects endogenous levels of PHACTR1 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>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	
<b>Calculated Molecular Weight</b>	64kD
<b>Cell Pathway</b>	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). .
<b>Tissue Specificity</b>	Detected in umbilical vein endothelial cells.
<b>Function</b>	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).
<b>Background</b>	
<b>matters needing attention</b>	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**