



PHACTR1 Mouse mAb

Catalog No	YP-mAb-19256
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	PHACTR1 KIAA1733 RPEL1
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	RPEL;DEE70;RPEL1;EIEE70;dJ257A7.2;PHACTR1;PHACTR1 KIAA1733 RPEL1;Phosphatase and actin regulator 1
Observed Band	75kDa
Calculated Molecular Weight	66kDa
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