

PHACTR1 Rabbit pAb

CatalogNo: YN8692

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 64kD (Calculated)

Isotype

- IgG

Storage

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

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human PHACTR1

Specificity This antibody detects endogenous levels of PHACTR1 at Human, Mouse, Rat

Target Information

Gene name PHACTR1 KIAA1733 RPEL1

Protein Name Phosphatase and actin regulator 1

Organism	Gene ID	UniProt ID
Human	221692 ;	Q9C0D0 ;
Mouse	218194 ;	Q2M3X8 ;
Rat	306844 ;	P62024 ;

Cellular Localization 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).

| Validation Data

| Contact information

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PHACTR1 Rabbit pAb

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