

Rabbit anti-Human, Rat PHACTR1 Polyclonal Antibody | anti-PHACTR1 antibody

PHACTR1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234791	Rabbit	Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

PHACTR1; Polyclonal Antibody; PHACTR1 Antibody; Phosphatase and actin regulator 1; KIAA1733; RPEL1; anti-PHACTR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	580
Applicable Applications for anti-PHACTR1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Phosphatase and actin regulator 1 protein (263-387AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of A549 cells with AAA234791 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234791 diluted at 1:400 and staining in paraffin-embedded human lung tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA234791 diluted at 1:400 and staining in paraffin-embedded human liver cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western Blot Positive WB detected in: Hela whole cell lysate, SH-SY5Y whole cell lysate, Rat brain tissue All lanes: PHACTR1 antibody at 6ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 67, 55 KDa Observed band size: 67 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-PHACTR1 antibody	Binds actin monomers (G actin) and plays a role in the reorganization of the actin cytoskeleton and in formation of actin stress fibers. Plays a role in cell motility. Plays a role in the formation of tubules by endothelial cells. Regulates PPP1CA activity. Required for normal cell survival.
Product Categories/Family for anti-PHACTR1 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	336391125
NCBI GeneID	221692
NCBI Accession #	NP_001229577.1
NCBI GenBank Nucleotide #	NM_001242648.2
UniProt Accession #	Q9C0D0; Q3MJ93; Q5JSJ2; A8K1V2
Molecular Weight	54,608 Da
NCBI Official Full Name	phosphatase and actin regulator 1 isoform a
NCBI Official Synonym Full Names	phosphatase and actin regulator 1
NCBI Official Symbol	PHACTR1
NCBI Official Synonym Symbols	RPEL; RPEL1; dJ257A7.2
NCBI Protein Information	phosphatase and actin regulator 1
UniProt Protein Name	Phosphatase and actin regulator 1
UniProt Gene Name	PHACTR1
UniProt Synonym Gene Names	KIAA1733; RPEL1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/phactr1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/234791>