

Monkey Phosphatase And Actin Regulator 1 ELISA Kit | PHACTR1 elisa kit

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CATALOG # AAA96222	REACTIVITY Monkey
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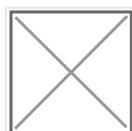
PRODUCT SYNONYMS

Phosphatase And Actin Regulator 1; Monkey Phosphatase And Actin Regulator 1 ELISA Kit; PHACTR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This PHACTR1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey PHACTR1. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PHACTR1 elisa kit	Principle of the Assay: PHACTR1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PHACTR1 antibody and an PHACTR1-HRP conjugate. The assay sample and buffer are incubated together with PHACTR1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PHACTR1 concentration since PHACTR1 from samples and PHACTR1-HRP conjugate compete for the anti-PHACTR1 antibody binding site. Since the number of sites is limited, as more sites are occupied by PHACTR1 from the sample, fewer sites are left to bind PHACTR1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PHACTR1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for PHACTR1 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	54144631
NCBI GeneID	221692

NCBI Accession #	NP_112210.1
NCBI GenBank Nucleotide #	NM_030948.2
Molecular Weight	54,608 Da
NCBI Official Full Name	phosphatase and actin regulator 1
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; RPEL repeat containing 1
UniProt Protein Name	Phosphatase and actin regulator 1
UniProt Gene Name	PHACTR1
UniProt Synonym Gene Names	KIAA1733; RPEL1
UniProt Entry Name	PHAR1_HUMAN

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/phactr1-monkey-elisa-kits/phosphatase-and-actin-regulator-1/96222>