Rabbit Pituitary Adenylate Cyclase Activating Polypeptide Receptor 1 ELISA Kit | PACAPR1 elisa kit

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CATALOG #	REACTIVITY
AAA85552	**Rabbit**

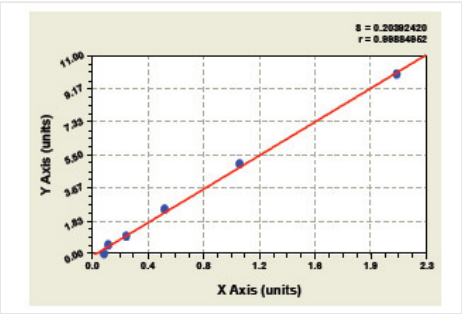
PRODUCT SYNONYMS

Pituitary Adenylate Cyclase Activating Polypeptide Receptor 1; Rabbit Pituitary Adenylate Cyclase Activating Polypeptide Receptor 1 ELISA Kit; PACAPR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PACAPR1 elisa kit	**Intended Uses:** This PACAPR1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit PACAPR1. This ELISA kit for research use only! **Principle of the Assay:** PACAPR1 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for PACAPR1. Standards or samples are then added to the microtiter plate wells and PACAPR1 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of PACAPR1 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for PACAPR1 are added to each well to "sandwich" the PACAPR1 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain PACAPR1 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PACAPR1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for PACAPR1 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	313851018
NCBI GeneID	117
NCBI Accession #	NP_001186564.1
NCBI GenBank Nucleotide #	NM_001199635.1
Molecular Weight	46,957 Da
NCBI Official Full Name	pituitary adenylate cyclase-activating polypeptide type I receptor isoform 1
NCBI Official Synonym Full Names	adenylate cyclase activating polypeptide 1 (pituitary) receptor type I
NCBI Official Symbol	ADCYAP1R1
NCBI Official Synonym Symbols	PAC1; PAC1R; PACAPR; PACAPRI
NCBI Protein Information	pituitary adenylate cyclase-activating polypeptide type I receptor; PACAP-R1; PACAP receptor 1; PACAP type I receptor; pituitary adenylate cyclase activating polypeptide 1 receptor type I Hiphop
UniProt Protein Name	Pituitary adenylate cyclase-activating polypeptide type I receptor
UniProt Gene Name	**ADCYAP1R1**
UniProt Synonym Gene Names	PACAP type I receptor; PACAP-R-1; PACAP-R1
UniProt Entry Name	PACR_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://www.aaabiotech.com/pacapr1-rabbit-elisa-kits/pituitary-adenylate-cyclase-activating-polypeptide-receptor-1/85552