

Human Arf-GAP With Coiled-Coil, ANK Repeat And PH Domain-Containing Protein 1 (ACAP1) ELISA Kit | ACAP1 elisa kit

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CATALOG #
AAA331067

REACTIVITY
Human

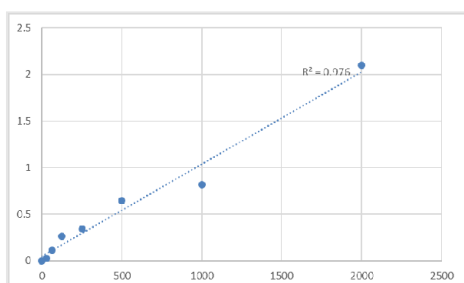
PRODUCT SYNONYMS

Arf-GAP With Coiled-Coil; ANK Repeat And PH Domain-Containing Protein 1 (ACAP1); Human Arf-GAP With Coiled-Coil; ANK Repeat And PH Domain-Containing Protein 1 (ACAP1) ELISA Kit; ACAP1; CENTB1; KIAA0050; Arf GAP with coiled coil; ANK repeat and PH domains 1; centaurin beta1; centaurin; beta 1; ACAP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Arf-GAP with coiled-coil, ANK repeat and PH domain-containing protein 1 (ACAP1) ELISA Kit has high sensitivity and excellent specificity for detection of Human ACAP1. No significant cross-reactivity or interference between Human ACAP1 and analogues was observed.
Sequence Length	740
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Arf-GAP with coiled-coil, ANK repeat and PH domain-containing protein 1 (ACAP1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for ACAP1 elisa kit	Description: This Human Arf-GAP with coiled-coil, ANK repeat and PH domain-containing protein 1 (ACAP1) ELISA Kit employs a two-site sandwich ELISA to quantitate ACAP1 in samples. An antibody specific for ACAP1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ACAP1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ACAP1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ACAP1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: ACAP1 and ACAP2 were recruited to platelet-derived growth factor (PDGF)-induced dorsal membrane ruffles in NIH 3T3 mouse fibroblasts, and overexpression inhibited ruffle formation. The deduced protein contains 740 amino acids and shares 52% sequence identity with CENTB2. highest expression in spleen, thymus, and peripheral blood leukocytes, intermediate expression in lung, testis, and small intestine, and weak expression in prostate, ovary, and colon. No expression was detected in heart, brain, placenta, liver, skeletal muscle, kidney, and pancreas, and no expression was detected in HeLa cells.ACAP1 shares significant similarity with CENTB2, which the authors called ACAP2, and 95% identity with mouse Acap1.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7661880
NCBI GeneID	9744
NCBI Accession #	NP_055531.1
NCBI GenBank Nucleotide #	NP_055531.1
UniProt Accession #	Q15027
NCBI Official Full Name	arf-GAP with coiled-coil, ANK repeat and PH domain-containing protein 1
NCBI Official Synonym Full Names	ArfGAP with coiled-coil, ankyrin repeat and PH domains 1
NCBI Official Symbol	ACAP1
NCBI Official Synonym Symbols	CENTB1
NCBI Protein Information	arf-GAP with coiled-coil, ANK repeat and PH domain-containing protein 1
UniProt Protein Name	Arf-GAP with coiled-coil, ANK repeat and PH domain-containing protein 1
UniProt Gene Name	ACAP1
UniProt Synonym Gene Names	CENTB1; KIAA0050; Cnt-b1
UniProt Entry Name	ACAP1_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/human-elisa-kits/arf-gap-with-coiled-coil-ank-repeat-and-ph-domain-containing-protein-1-acap1/331067>