

Human RCC1 And BTB Domain-Containing Protein 2 (RCBTB2) ELISA Kit | RCBTB2 elisa kit

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CATALOG #
AAA331013

REACTIVITY
Human

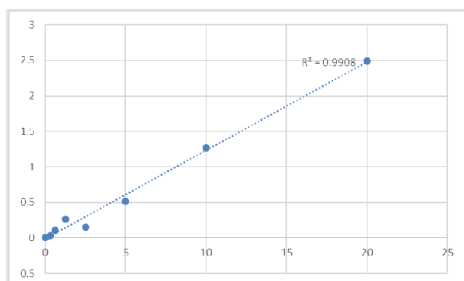
PRODUCT SYNONYMS

RCC1 And BTB Domain-Containing Protein 2 (RCBTB2); Human RCC1 And BTB Domain-Containing Protein 2 (RCBTB2) ELISA Kit; RCBTB2; CHC1L; RCC1-like G exchanging factor RLG; chromosome condensation 1-like; regulator of chromosome condensation and BTB domain containing protein 2; RCBTB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human RCC1 and BTB domain-containing protein 2 (RCBTB2) ELISA Kit has high sensitivity and excellent specificity for detection of Human RCBTB2. No significant cross-reactivity or interference between Human RCBTB2 and analogues was observed.
Sequence Length	551
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 RCC1 and BTB domain-containing protein 2 (RCBTB2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for RCBTB2 elisa kit	Description: This Human RCC1 and BTB domain-containing protein 2 (RCBTB2) ELISA Kit employs a two-site sandwich ELISA to quantitate RCBTB2 in samples. An antibody specific for RCBTB2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any RCBTB2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for RCBTB2 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 RCBTB2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: RCBTB2 encodes a member of the RCC1-related GEF family. The N-terminal half of the encoded amino acid sequence shows similarity to the regulator of chromosome condensation RCC1, which acts as a guanine nucleotide exchange factor (GEF) protein for the Ras-related GTPase Ran. The CHC1L gene contains 14 exons and spans at least 30 kb. The 3.2-kb CHC1L mRNA was expressed in all tissues tested by Northern blot analysis. The authors identified 4 alternatively spliced CHC1L transcripts encoding 2 protein isoforms of 551 and 526 amino acids, respectively. Sequence analysis revealed that both isoforms contain 6 repeats that share homology with repeats found in CHC1 and RPGR, and a zinc finger motif.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557445
NCBI GeneID	1102
NCBI Accession #	NP_001259
NCBI GenBank Nucleotide #	NP_001259.1
UniProt Accession #	O95199
NCBI Official Full Name	RCC1 and BTB domain-containing protein 2 isoform 2
NCBI Official Synonym Full Names	RCC1 and BTB domain containing protein 2
NCBI Official Symbol	RCBTB2
NCBI Official Synonym Symbols	RLG; CHC1L
NCBI Protein Information	RCC1 and BTB domain-containing protein 2
UniProt Protein Name	RCC1 and BTB domain-containing protein 2
UniProt Gene Name	RCBTB2
UniProt Synonym Gene Names	CHC1L; RLG; CHC1-L
UniProt Entry Name	RCBT2_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/rcc1-and-btb-domain-containing-protein-2-rcbtb2/331013>