

Human E3 Ubiquitin-Protein Ligase UBR4 (UBR4) ELISA Kit | UBR4 elisa kit

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CATALOG #
AAA330318

REACTIVITY
Human

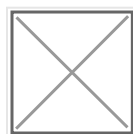
PRODUCT SYNONYMS

E3 Ubiquitin-Protein Ligase UBR4 (UBR4); Human E3 Ubiquitin-Protein Ligase UBR4 (UBR4) ELISA Kit; UBR4; RP5-1126H10.1; FLJ41863; KIAA0462; KIAA1307; RBAF600; ZUBR1; p600; retinoblastoma-associated factor 600; retinoblastoma-associated factor 600-like protein; zinc finger; UBR1 type 1; UBR4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human E3 ubiquitin-protein ligase UBR4 (UBR4) ELISA Kit has high sensitivity and excellent specificity for detection of Human UBR4. No significant cross-reactivity or interference between Human UBR4 and analogues was observed.
Sequence Length	5183
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 E3 ubiquitin-protein ligase UBR4 (UBR4) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for UBR4 elisa kit	Description: This Human E3 ubiquitin-protein ligase UBR4 (UBR4) ELISA Kit employs a two-site sandwich ELISA to quantitate UBR4 in samples. An antibody specific for UBR4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any UBR4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for UBR4 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 UBR4 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: RBAF600 associates with RB in the nucleus and with Ca(2+)-bound calmodulin in the cytoplasm.p600 and RB appears to act as a chromatin scaffold, and in the cytoplasm p600 and clathrin form a meshwork structure which could contribute to cytoskeletal organization and membrane morphogenesis. Reduced expression of p600 with interfering RNA abrogated integrin-mediated ruffled membrane formation and prevented activation of integrin-mediated survival pathways. The deduced 5,183-amino acid protein has a calculated molecular mass of 573.5 kD. Immunostaining of human foreskin fibroblasts localized p600 in a continuous meshwork pattern from the nucleus to the cytoplasm, passing through the nuclear envelope. In the cytoplasm, p600 was concentrated at the leading edge of membrane structures.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	82659109
NCBI GeneID	23352
NCBI Accession #	NP_065816.2
NCBI GenBank Nucleotide #	NP_065816.2
UniProt Accession #	Q5T4S7
NCBI Official Full Name	E3 ubiquitin-protein ligase UBR4
NCBI Official Synonym Full Names	ubiquitin protein ligase E3 component n-recognin 4
NCBI Official Symbol	UBR4
NCBI Official Synonym Symbols	p600; ZUBR1; RBAF600
NCBI Protein Information	E3 ubiquitin-protein ligase UBR4
UniProt Protein Name	E3 ubiquitin-protein ligase UBR4
UniProt Gene Name	UBR4
UniProt Synonym Gene Names	KIAA0462; KIAA1307; RBAF600; ZUBR1; RBAF600; p600

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/e3-ubiquitin-protein-ligase-ubr4-ubr4/330318>