

Human UbiA Prenyltransferase Domain-Containing Protein 1 (UBIAD1) ELISA Kit | UBIAD1 elisa kit

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CATALOG # AAA330321	REACTIVITY Human
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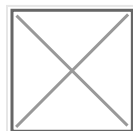
PRODUCT SYNONYMS

UbiA Prenyltransferase Domain-Containing Protein 1 (UBIAD1); Human UbiA Prenyltransferase Domain-Containing Protein 1 (UBIAD1) ELISA Kit; UBIAD1; RP4-796F18.1; SCCD; TERE1; transitional epithelia response protein; UBIAD1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human UbiA prenyltransferase domain-containing protein 1 (UBIAD1) ELISA Kit has high sensitivity and excellent specificity for detection of Human UBIAD1. No significant cross-reactivity or interference between Human UBIAD1 and analogues was observed.
Sequence Length	338
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 UbiA prenyltransferase domain-containing protein 1 (UBIAD1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for UBIAD1 elisa kit	Description: This Human UbiA prenyltransferase domain-containing protein 1 (UBIAD1) ELISA Kit employs a two-site sandwich ELISA to quantitate UBIAD1 in samples. An antibody specific for UBIAD1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any UBIAD1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for UBIAD1 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 UBIAD1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: TERE1 expression in both superficial and muscle-invasive transitional cell carcinomas of bladder (TCCs) compared with normal human urothelium. Transfection of TERE1 into 2 human TCC cell lines inhibited cellular proliferation by 80 to 90%. In 1 line, TERE1 overexpression caused a change in morphology, with an apparent increase in intercellular contacts The deduced 338-amino acid protein has a calculated molecular mass of 36.8 kD. TERE1 has 5 putative transmembrane regions, an N-glycosylation site, and several putative phosphorylation sites. Northern blot and PCR analyses showed ubiquitous expression of 1.5- and 3-kb TERE1 transcripts. Immunohistochemical analysis of human urothelium revealed nuclear and cytoplasmic expression of TERE1.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7019551
NCBI GeneID	29914
NCBI Accession #	NP_037451
NCBI GenBank Nucleotide #	NP_037451.1
UniProt Accession #	Q9Y5Z9
NCBI Official Full Name	ubiA prenyltransferase domain-containing protein 1 isoform 1
NCBI Official Synonym Full Names	UbiA prenyltransferase domain containing 1
NCBI Official Symbol	UBIAD1
NCBI Official Synonym Symbols	SCCD; TERE1
NCBI Protein Information	ubiA prenyltransferase domain-containing protein 1
UniProt Protein Name	UbiA prenyltransferase domain-containing protein 1
UniProt Gene Name	UBIAD1
UniProt Synonym Gene Names	TERE1
UniProt Entry Name	UBIA1_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.