

Human Transmembrane And Ubiquitin-Like Domain-Containing Protein 1 (TMUB1) ELISA Kit | TMUB1 elisa kit

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CATALOG #
AAA330463

REACTIVITY
Human

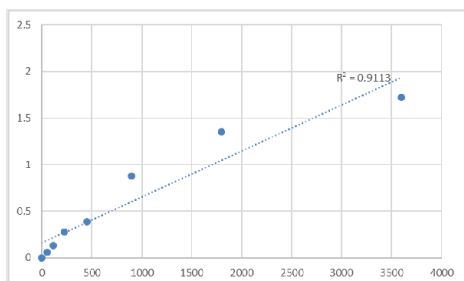
PRODUCT SYNONYMS

Transmembrane And Ubiquitin-Like Domain-Containing Protein 1 (TMUB1); Human Transmembrane And Ubiquitin-Like Domain-Containing Protein 1 (TMUB1) ELISA Kit; TMUB1; C7orf21; MGC5442; SB144; TMUB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Transmembrane and ubiquitin-like domain-containing protein 1 (TMUB1) ELISA Kit has high sensitivity and excellent specificity for detection of Human TMUB1. No significant cross-reactivity or interference between Human TMUB1 and analogues was observed.
Sequence Length	246
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 Transmembrane and ubiquitin-like domain-containing protein 1 (TMUB1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TMUB1 elisa kit	Description: This Human Transmembrane and ubiquitin-like domain-containing protein 1 (TMUB1) ELISA Kit employs a two-site sandwich ELISA to quantitate TMUB1 in samples. An antibody specific for TMUB1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TMUB1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TMUB1 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 TMUB1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Tmub1 encodes for a protein, HOPS/DULP, containing transmembrane domains and a ubiquitin-like domain (UBL) Ubiquitin can be employed to modify proteins by either single or multiple ubiquitin conjugation to mark them for proteasomal destruction, endocytosis and binding to other proteins. Tmub1/HOPS was reported to facilitate the recycling of AMPA receptors into synaptic membrane in cultured primary neurons. Tmub1/HOPS was also found overexpressed during liver regeneration and is an essential constituent of centrosome assembly during cell cycles in culture. Like many UBL domain proteins, the physiological and molecular function of Tmub1 is far from being clear. The resulting mice Tmub1were put through an extensive battery of assays to discover physiological and behavioral phenotypes.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	12654233
NCBI GeneID	83590
UniProt Accession #	Q9BVT8
NCBI Official Full Name	TMUB1 protein
NCBI Official Synonym Full Names	transmembrane and ubiquitin like domain containing 1
NCBI Official Symbol	TMUB1
NCBI Official Synonym Symbols	DULP; SB144; C7orf21
NCBI Protein Information	transmembrane and ubiquitin-like domain-containing protein 1
UniProt Protein Name	Transmembrane and ubiquitin-like domain-containing protein 1
UniProt Gene Name	TMUB1
UniProt Synonym Gene Names	C7orf21; DULP; HOPS; DULP
UniProt Entry Name	TMUB1_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/transmembrane-and-ubiquitin-like-domain-containing-protein-1-tmub1/330463>