

Human Ras-Related Protein Rab-37 (RAB37) ELISA Kit | RAB37 elisa kit

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CATALOG #
AAA331176

REACTIVITY
Human

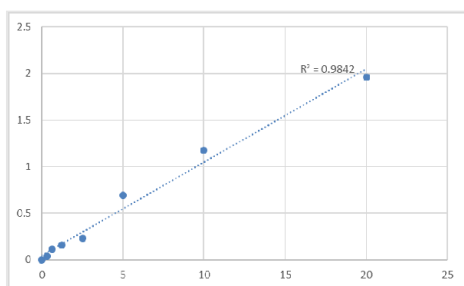
PRODUCT SYNONYMS

Ras-Related Protein Rab-37 (RAB37); Human Ras-Related Protein Rab-37 (RAB37) ELISA Kit; RAB37; FLJ30284; FLJ32507; member of RAS oncogene family; Rab37-like; RAB37 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Ras-related protein Rab-37 (RAB37) ELISA Kit has high sensitivity and excellent specificity for detection of Human RAB37. No significant cross-reactivity or interference between Human RAB37 and analogues was observed.
Sequence Length	223
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 Ras-related protein Rab-37 (RAB37) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for RAB37 elisa kit	Description: This Human Ras-related protein Rab-37 (RAB37) ELISA Kit employs a two-site sandwich ELISA to quantitate RAB37 in samples. An antibody specific for RAB37 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any RAB37 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for RAB37 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 RAB37 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Using yeast 2-hybrid analysis with mouse Rab5 as bait, Masuda et al. (2000) identified Rab37 from a mouse mast cell line. The deduced Rab37 protein contains sequence motifs conserved in other low molecular mass GTPases. It shares 74% and 47% amino acid sequence identity with rat RAB26 and mouse Rab8 (RAB8A). Northern blot analysis showed expression of 2.3- and 1.2-kb Rab37 transcripts exclusively in the MC9 mast cell line. Immunoprecipitation followed by Western blot analysis of a panel of mouse tissues showed that a 34-kD band corresponding to the Rab37 protein is expressed exclusively in bone marrow mast cells. Expression of GFP-tagged Rab37 in bone marrow mast cells showed that Rab37 localizes to secretory granules.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	54859685
NCBI GeneID	326624
NCBI Accession #	NP_001006639.1
NCBI GenBank Nucleotide #	NP_001006639.1
UniProt Accession #	Q96AX2
NCBI Official Full Name	ras-related protein Rab-37 isoform 2
NCBI Official Synonym Full Names	RAB37, member RAS oncogene family
NCBI Official Symbol	RAB37
NCBI Protein Information	ras-related protein Rab-37
UniProt Protein Name	Ras-related protein Rab-37
UniProt Gene Name	RAB37
UniProt Entry Name	RAB37_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/ras-related-protein-rab-37-rab37/331176>