

Human Dapper Homolog 2 (DACT2) ELISA Kit | DACT2 elisa kit

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CATALOG #
AAA331962

REACTIVITY
Human

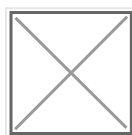
PRODUCT SYNONYMS

Dapper Homolog 2 (DACT2); Human Dapper Homolog 2 (DACT2) ELISA Kit; DACT2; C6orf116; DAPPER2; DPR2; FLJ31232; MGC133141; MGC133142; RP11-503C24.7; bA503C24.7; dapper homolog 2; antagonist of beta-catenin; dapper; homolog 2; DACT2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Dapper homolog 2 (DACT2) ELISA Kit has high sensitivity and excellent specificity for detection of Human DACT2. No significant cross-reactivity or interference between Human DACT2 and analogues was observed.
Sequence Length	774
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 Dapper homolog 2 (DACT2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for DACT2 elisa kit	Description: This Human Dapper homolog 2 (DACT2) ELISA Kit employs a two-site sandwich ELISA to quantitate DACT2 in samples. An antibody specific for DACT2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any DACT2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for DACT2 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 DACT2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: DACT2 (Dishevelled Binding Antagonist Of Beta Catenin 2) is a Protein Coding gene. Among its related pathways are TGF-beta receptor signaling. GO annotations related to DACT2 include transcription factor binding and protein kinase C binding. An important paralog of DACT2 is DACT1. Involved in regulation of intracellular signaling pathways during development. Negatively regulates the Nodal signaling pathway, possibly by promoting the lysosomal degradation of Nodal receptors, such as TGFBR1. May be involved in control of the morphogenetic behavior of kidney ureteric bud cells by keeping cells epithelial and restraining their mesenchymal character. May play an inhibitory role in the re-epithelialization of skin wounds by attenuating TGF-beta signaling (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	163965434
NCBI GeneID	168002
NCBI Accession #	NP_999627
NCBI GenBank Nucleotide #	NP_999627.2
UniProt Accession #	Q5SW24
NCBI Official Full Name	dapper homolog 2 isoform a
NCBI Official Synonym Full Names	dishevelled binding antagonist of beta catenin 2
NCBI Official Symbol	DACT2
NCBI Official Synonym Symbols	DPR2; DAPPER2; C6orf116; bA503C24.7
NCBI Protein Information	dapper homolog 2
UniProt Protein Name	Dapper homolog 2
UniProt Gene Name	DACT2
UniProt Synonym Gene Names	C6orf116
UniProt Entry Name	DACT2_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.