

Human Dapper Homolog 1 (DACT1) ELISA Kit | DACT1 elisa kit

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CATALOG #
AAA31500

REACTIVITY
Human

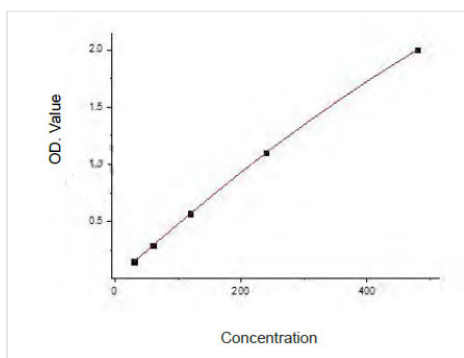
PRODUCT SYNONYMS

Dapper Homolog 1 (DACT1); Human Dapper Homolog 1 (DACT1) ELISA Kit; DACT1; DAPPER; DAPPER1; DPR1; FRODO; HDPR1; THYEX3; dapper 1; dapper homolog 1; antagonist of beta-catenin; heptacellular carcinoma novel gene 3; DACT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Dapper Homolog 1 (DACT1) ELISA Kit has high sensitivity and excellent specificity for detection of Human DACT1. No significant cross-reactivity or interference between Human DACT1 and analogues was observed.
Sequence Length	836
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	30 pg/ml - 480 pg/ml
Sensitivity	< 1pg/mL
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DACT1 elisa kit	Background: Dapper homolog 1 (DACT1) is a disheveled partner in the planar cell polarity pathway. By using genome-wide promoter methylation screening, dapper homolog 1 (DACT1) was found to be frequently methylated in gastric cancer. Principle of the Assay: Human Dapper Homolog 1 (DACT1) ELISA Kit employs a two-site sandwich ELISA to quantitate DACT1 in samples. An antibody specific for DACT1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any DACT1 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human DACT1 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of DACT1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	24158478
NCBI GeneID	51339
NCBI Accession #	NP_057735.2
NCBI GenBank Nucleotide #	NP_057735.2
UniProt Accession #	Q9NYF0
NCBI Official Full Name	dapper homolog 1 isoform 1
NCBI Official Synonym Full Names	dishevelled binding antagonist of beta catenin 1
NCBI Official Symbol	DACT1
NCBI Official Synonym Symbols	DPR1; TBS2; FRODO; HDPR1; DAPPER; THYEX3; DAPPER1
NCBI Protein Information	dapper homolog 1
UniProt Protein Name	Dapper homolog 1
UniProt Gene Name	DACT1
UniProt Synonym Gene Names	DPR1; HNG3; hDPR1
UniProt Entry Name	DACT1_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.