

Human RAC-beta serine/threonine-protein kinase (AKT2) ELISA Kit | AKT2 elisa kit

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CATALOG #
AAA44067

REACTIVITY
Human

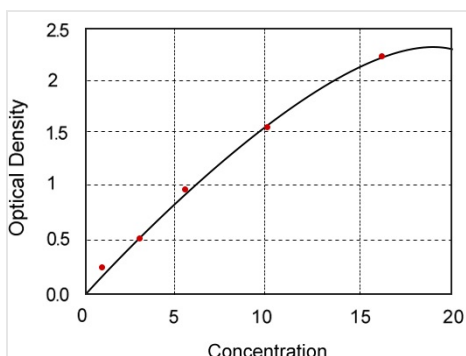
PRODUCT SYNONYMS

RAC-beta serine/threonine-protein kinase (AKT2); Human RAC-beta serine/threonine-protein kinase (AKT2) ELISA Kit; AKT2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	481
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 10ng/ml
Sensitivity	0.027ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AKT2 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human RAC-beta Serine, Threonine-protein Kinase (also known as AKT2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human AKT2 antibody. AKT2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human AKT2 Antibody is added and binds to AKT2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated AKT2 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human AKT2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1062594097
NCBI GeneID	11652
NCBI Accession #	NP_001318037.1
NCBI GenBank Nucleotide #	NM_001331108.1
UniProt Accession #	Q60823
Molecular Weight	55,742 Da
NCBI Official Full Name	RAC-beta serine/threonine-protein kinase
NCBI Official Synonym Full Names	thymoma viral proto-oncogene 2
NCBI Official Symbol	Akt2
NCBI Official Synonym Symbols	PKB; PKBbeta; AW554154; 2410016A19Rik
NCBI Protein Information	RAC-beta serine/threonine-protein kinase
UniProt Protein Name	RAC-beta serine/threonine-protein kinase
UniProt Gene Name	Akt2
UniProt Synonym Gene Names	PKB beta

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/rac-beta-serine-threonine-protein-kinase-akt2/44067>