

Human tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, beta polypeptide ELISA Kit | YWHAB elisa kit

Human 14-3-3 protein beta/alpha, YWHAB ELISA Kit

CATALOG #
AAA15240

REACTIVITY
Human

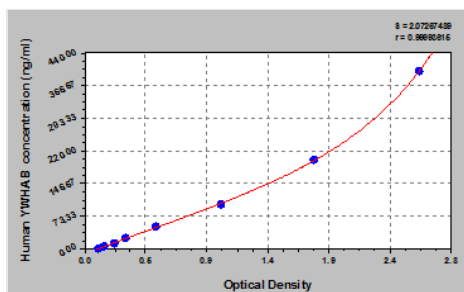
PRODUCT SYNONYMS

tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein; beta polypeptide; Human 14-3-3 protein beta/alpha; YWHAB ELISA Kit; Human 14-3-3 protein beta/alpha (YWHAB) ELISA kit; GW128; HS1; KCIP-1; 14-3-3 protein beta/alpha; brain protein 14-3-3; beta isoform; protein 1054; protein kinase C inhibitor protein-1; YWHAB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human YWHAB. No significant cross-reactivity or interference between human YWHAB and analogues was observed.
Sequence Length	246
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	6.25 ng/ml-400 ng/ml
Sensitivity	<1.56 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for YWHAB elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for YWHAB has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any YWHAB present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for YWHAB is added to the wells. After washing, avidin 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 YWHAB 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 #	4507949
NCBI GeneID	7529
NCBI Accession #	NP_003395.1
NCBI GenBank Nucleotide #	NM_003404.4
UniProt Accession #	P31946; A8K9K2; E1P616
Molecular Weight	28,082 Da
NCBI Official Full Name	14-3-3 protein beta/alpha
NCBI Official Synonym Full Names	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, beta
NCBI Official Symbol	YWHAB
NCBI Official Synonym Symbols	HS1; GW128; YWHAA; KCIP-1; HEL-S-1
NCBI Protein Information	14-3-3 protein beta/alpha; 14-3-3 alpha; protein 1054; epididymis secretory protein Li 1; brain protein 14-3-3, beta isoform; protein kinase C inhibitor protein 1; protein kinase C inhibitor protein-1; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, beta polypeptide; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, alpha polypeptide
UniProt Protein Name	14-3-3 protein beta/alpha
UniProt Gene Name	YWHAB
UniProt Synonym Gene Names	KCIP-1
UniProt Entry Name	1433B_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/ywhab-human-elisa-kits/tyrosine-3-monooxygenase-tryptophan-5-monooxygenase-activation-protein-beta-polypeptide/15240>