

Human Plexin-B2 (PLXNB2) ELISA Kit | PLXNB2 elisa kit

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CATALOG #
AAA331381

REACTIVITY
Human

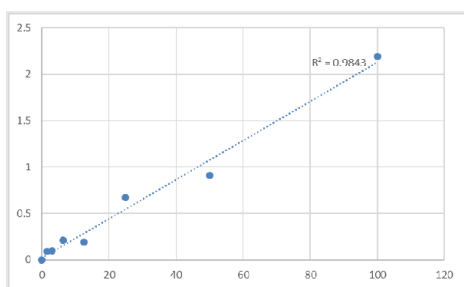
PRODUCT SYNONYMS

Plexin-B2 (PLXNB2); Human Plexin-B2 (PLXNB2) ELISA Kit; PLXNB2; RP3-402G11.19; KIAA0315; MM1; Nbla00445; PLEXB2; dJ402G11.3; OTTHUMP00000196636; PLXNB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Plexin-B2 (PLXNB2) ELISA Kit has high sensitivity and excellent specificity for detection of Human PLXNB2. No significant cross-reactivity or interference between Human PLXNB2 and analogues was observed.
Sequence Length	522
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 Plexin-B2 (PLXNB2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PLXNB2 elisa kit	Description: This Human Plexin-B2 (PLXNB2) ELISA Kit employs a two-site sandwich ELISA to quantitate PLXNB2 in samples. An antibody specific for PLXNB2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PLXNB2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PLXNB2 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 PLXNB2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Members of the B class of plexins, such as PLXNB2 is related to human SEP (PLXNB1). RT-PCR detected highest PLXNB2 expression in testis and ovary, followed by placenta, lung, liver, and kidney. Much lower expression was detected in prostate and small intestine, and little to none was detected in other tissues examined. Ligand-induced dimerization of plexin B was sufficient to stimulate endogenous RhoA (ARHA) potently and induce the reorganization of the cytoskeleton in mammalian cells. Overexpression of the PDZ domain of PDZ-RhoGEF prevented cell rounding and neurite retraction in differentiated rat neural precursor cells induced by activation of endogenous PLXNB1 by semaphorin-4D.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	118341393
NCBI GeneID	23654
UniProt Accession #	O15031
NCBI Official Full Name	PLXNB2 protein
NCBI Official Synonym Full Names	plexin B2
NCBI Official Symbol	PLXNB2
NCBI Official Synonym Symbols	MM1; PLEXB2; Nbla00445; dJ402G11.3
NCBI Protein Information	plexin-B2
UniProt Protein Name	Plexin-B2
UniProt Gene Name	PLXNB2
UniProt Synonym Gene Names	KIAA0315

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/plexin-b2-plxnb2/331381>