

Human Neurobeachin (NBEA) ELISA Kit | NBEA elisa kit

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CATALOG #
AAA331522

REACTIVITY
Human

PRODUCT SYNONYMS

Neurobeachin (NBEA); Human Neurobeachin (NBEA) ELISA Kit; RP11-270C18.1; BCL8B; LYST2; lysosomal trafficking regulator 2; NBEA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Neurobeachin (NBEA) ELISA Kit has high sensitivity and excellent specificity for detection of Human NBEA. No significant cross-reactivity or interference between Human NBEA and analogues was observed.
Sequence Length	739
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 Neurobeachin (NBEA) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for NBEA elisa kit	Description: This Human Neurobeachin (NBEA) ELISA Kit employs a two-site sandwich ELISA to quantitate NBEA in samples. An antibody specific for NBEA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NBEA present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NBEA 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 NBEA bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: NBEA encodes a member of a large, diverse group of A-kinase anchor proteins that target the activity of protein kinase A to specific subcellular sites by binding to its type II regulatory subunits. Brain-specific expression and coat protein-like membrane recruitment of a highly similar protein in mouse suggest an involvement in neuronal post-Golgi membrane traffic. Mutations in this gene may be associated with a form of autism. NBEA and its expression are frequently disrupted in patients with multiple myeloma. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Additional transcript variants may exist, but their full-length nature has not been determined.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	323510703
NCBI GeneID	26960
NCBI Accession #	NP_001191126.1
NCBI GenBank Nucleotide #	NP_001191126.1
UniProt Accession #	Q8NFP9
NCBI Official Full Name	neurobeachin isoform 2
NCBI Official Synonym Full Names	neurobeachin
NCBI Official Symbol	NBEA
NCBI Official Synonym Symbols	BCL8B; LYST2
NCBI Protein Information	neurobeachin
UniProt Protein Name	Neurobeachin
UniProt Gene Name	NBEA
UniProt Synonym Gene Names	BCL8B; KIAA1544; LYST2
UniProt Entry Name	NBEA_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.