Human Neuroblastoma Suppressor Of Tumorigenicity 1 (NBL1) ELISA Kit | NBL1 elisa kit

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CATALOG #	REACTIVITY
AAA331519	**Human**

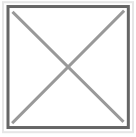
PRODUCT SYNONYMS

Neuroblastoma Suppressor Of Tumorigenicity 1 (NBL1); Human Neuroblastoma Suppressor Of Tumorigenicity 1 (NBL1) ELISA Kit; RP5-1056L3.4; D1S1733E; DAN; DAND1; MGC8972; NB; NO3; differential screening-selected gene aberrant in neuroblastoma; neuroblastoma candidate region; suppression of tumorigenicity 1; neuroblastoma sup; NBL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Neuroblastoma suppressor of tumorigenicity 1 (NBL1) ELISA Kit has high sensitivity and excellent specificity for detection of Human NBL1. No significant cross-reactivity or interference between Human NBL1 and analogues was observed.
Sequence Length	181
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 Neuroblastoma suppressor of tumorigenicity 1 (NBL1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for NBL1 elisa kit	Description: This Human Neuroblastoma suppressor of tumorigenicity 1 (NBL1) ELISA Kit employs a two-site sandwich ELISA to quantitate NBL1 in samples. An antibody specific for NBL1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NBL1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NBL1 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 NBL1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: NBL1 product is the founding member of the evolutionarily conserved CAN (Cerberus and DAN) family of proteins, which contain a domain resembling the CTCK (C-terminal cystine knot-like) motif found in a number of signaling molecules. These proteins are secreted, and act as BMP (bone morphogenetic protein) antagonists by binding to BMPs and preventing them from interacting with their receptors. They may thus play an important role during growth and development. Alternatively spliced transcript variants have been identified for NBL1. Read-through transcripts between this locus and the upstream mitochondrial inner membrane organizing system 1 gene (GeneID 440574) have been observed. NBL1 (Neuroblastoma 1, DAN Family BMP Antagonist) is a Protein Coding gene. Diseases associated with NBL1 include Neuroblastoma and Regular Astigmatism. Among its related pathways are TGF-beta signaling pathway. GO annotations related to this gene include protein homodimerization activity and morphogen activity. An important paralog of this gene is MINOS1-NBL1.

NCBI AND UNIPROT INFORMATION

NCBI GI #	323276675
NCBI GeneID	4681
NCBI Accession #	NP_001191013.1
NCBI GenBank Nucleotide #	NP_001191013.1
UniProt Accession #	P41271
NCBI Official Full Name	neuroblastoma suppressor of tumorigenicity 1 isoform 2
NCBI Official Synonym Full Names	NBL1, DAN family BMP antagonist
NCBI Official Symbol	NBL1
NCBI Official Synonym Symbols	NB; DAN; NO3; DAND1; D1S1733E
NCBI Protein Information	neuroblastoma suppressor of tumorigenicity 1
UniProt Protein Name	Neuroblastoma suppressor of tumorigenicity 1
UniProt Gene Name	**NBL1**
UniProt Synonym Gene Names	DAN; DAND1
UniProt Entry Name	NBL1_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/human-elisa-kits/neuroblastoma-suppressor-of-tumorigenicity-1-nbl1/331519