

Rat Nucleobindin 1 (NUCB1) ELISA Kit | NUCB1 elisa kit

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CATALOG #
AAA67082

REACTIVITY
Rat

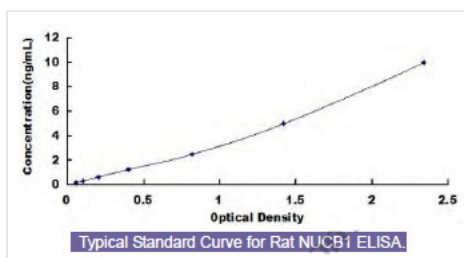
PRODUCT SYNONYMS

Nucleobindin 1 (NUCB1); Rat Nucleobindin 1 (NUCB1) ELISA Kit; NUCB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of NUCB1. No significant cross-reactivity or interference between NUCB1 and analogues was observed.
Sequence Length	459
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.063ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level NUCB1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level NUCB1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NUCB1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of NUCB1 in rat tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NUCB1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to NUCB1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain NUCB1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of NUCB1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16758210
NCBI GeneID	84595
NCBI Accession #	NP_445915.1
NCBI GenBank Nucleotide #	NM_053463.1
UniProt Accession #	Q63083; P97623; Q497A4
Molecular Weight	53,507 Da
NCBI Official Full Name	nucleobindin-1
NCBI Official Synonym Full Names	nucleobindin 1
NCBI Official Symbol	Nucb1
NCBI Official Synonym Symbols	Nucb
NCBI Protein Information	nucleobindin-1
UniProt Protein Name	Nucleobindin-1
UniProt Gene Name	Nucb1
UniProt Synonym Gene Names	Nuc

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.