

Human Next To BRCA1 Gene 1 Protein (NBR1) ELISA Kit | NBR1 elisa kit

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CATALOG #
AAA331518

REACTIVITY
Human

PRODUCT SYNONYMS

Next To BRCA1 Gene 1 Protein (NBR1); Human Next To BRCA1 Gene 1 Protein (NBR1) ELISA Kit; 1A1-3B; FLJ55359; FLJ98272; KIAA0049; M17S2; MIG19; membrane component; chromosome 17; surface marker 2 (ovarian carcinoma antigen CA125); migration-inducing protein 19; NBR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Next to BRCA1 gene 1 protein (NBR1) ELISA Kit has high sensitivity and excellent specificity for detection of Human NBR1. No significant cross-reactivity or interference between Human NBR1 and analogues was observed.
Sequence Length	966
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 Next to BRCA1 gene 1 protein (NBR1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for NBR1 elisa kit	Description: This Human Next to BRCA1 gene 1 protein (NBR1) ELISA Kit employs a two-site sandwich ELISA to quantitate NBR1 in samples. An antibody specific for NBR1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NBR1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NBR1 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 NBR1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Autophagy cargo receptor encoded by NBR1 was originally identified as an ovarian tumor antigen monitored in ovarian cancer. Autophagy cargo receptor contains a B-box/coiled-coil motif, which is present in many genes with transformation potential. It functions as a specific autophagy receptor for the selective autophagic degradation of peroxisomes by forming intracellular inclusions with ubiquitylated autophagic substrates. NBR1 is located on a region of chromosome 17q21.1 that is in close proximity to the BRCA1 tumor suppressor gene. Alternative splicing of this gene results in multiple transcript variants.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	296439290
NCBI GeneID	4077
UniProt Accession #	Q14596
NCBI Official Full Name	Next to BRCA1 gene 1 protein
NCBI Official Synonym Full Names	NBR1 autophagy cargo receptor
NCBI Official Symbol	NBR1
NCBI Official Synonym Symbols	IAI3B; M17S2; MIG19; 1A1-3B
NCBI Protein Information	next to BRCA1 gene 1 protein
UniProt Protein Name	Next to BRCA1 gene 1 protein
UniProt Gene Name	NBR1
UniProt Synonym Gene Names	1A13B; KIAA0049; M17S2
UniProt Entry Name	NBR1_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/next-to-brca1-gene-1-protein-nbr1/331518>