

Human Nuclear Receptor Coactivator 2 (NCOA2) ELISA Kit | NCOA2 elisa kit

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CATALOG #
AAA331509

REACTIVITY
Human

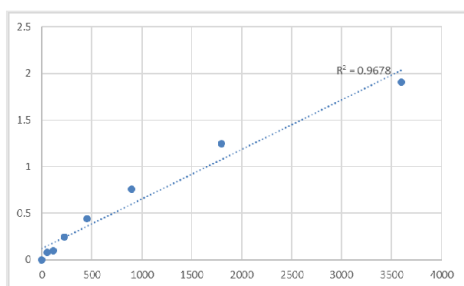
PRODUCT SYNONYMS

Nuclear Receptor Coactivator 2 (NCOA2); Human Nuclear Receptor Coactivator 2 (NCOA2) ELISA Kit; NCOA2; GRIP1; KAT13C; MGC138808; NCoA-2; SRC2; TIF2; bHLHe75; glucocorticoid receptor-interacting protein-1; NCOA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Nuclear receptor coactivator 2 (NCOA2) ELISA Kit has high sensitivity and excellent specificity for detection of Human NCOA2. No significant cross-reactivity or interference between Human NCOA2 and analogues was observed.
Sequence Length	1464
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 Nuclear receptor coactivator 2 (NCOA2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for NCOA2 elisa kit	Description: This Human Nuclear receptor coactivator 2 (NCOA2) ELISA Kit employs a two-site sandwich ELISA to quantitate NCOA2 in samples. An antibody specific for NCOA2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NCOA2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NCOA2 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 NCOA2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Nuclear receptor coactivator 2 encoded by NCOA2 functions as a transcriptional coactivator for nuclear hormone receptors, including steroid, thyroid, retinoid, and vitamin D receptors. Nuclear receptor coactivator 2 acts as an intermediary factor for the ligand-dependent activity of these nuclear receptors, which regulate their target genes upon binding of cognate response elements. NCOA2 has been found to be involved in translocations that result in fusions with other genes in various cancers, including the lysine acetyltransferase 6A (KAT6A) gene in acute myeloid leukemia, the ETS variant 6 (ETV6) gene in acute lymphoblastic leukemia, and the hes related family bHLH transcription factor with YRPW motif 1 (HEY1) gene in mesenchymal chondrosarcoma. Alternative splicing results in multiple transcript variants.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5729858
NCBI GeneID	10499
NCBI Accession #	NP_006531.1
NCBI GenBank Nucleotide #	NP_006531.1
UniProt Accession #	Q15596
NCBI Official Full Name	nuclear receptor coactivator 2 isoform a
NCBI Official Synonym Full Names	nuclear receptor coactivator 2
NCBI Official Symbol	NCOA2
NCBI Official Synonym Symbols	SRC2; TIF2; GRIP1; KAT13C; NCoA-2; bHLHe75
NCBI Protein Information	nuclear receptor coactivator 2
UniProt Protein Name	Nuclear receptor coactivator 2
UniProt Gene Name	NCOA2
UniProt Synonym Gene Names	BHLHE75; TIF2; NCoA-2; bHLHe75; hTIF2
UniProt Entry Name	NCOA2_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.