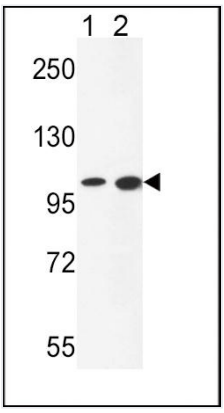
NCOA7 Antibody – Rabbit Polyclonal

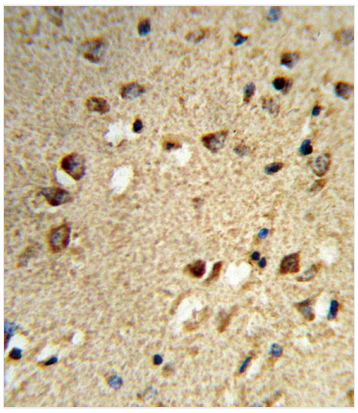
PRODUCT OVERVIEW

Product Name	NCOA7, Polyclonal Antibody
Full Product Name	NCOA7, NT (NCOA7, ERAP140, ESNA1, Nuclear receptor coactivator 7, 140kD estrogen receptor-associated protein, Estrogen nuclear receptor coactivator 1)
Product Gene Name	anti-NCOA7 antibody
Product Synonym Names	Anti -NCOA7, NT (NCOA7, ERAP140, ESNA1, Nuclear receptor coactivator 7, 140kD estrogen receptor-associated protein, Estrogen nuclear receptor coactivator 1)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2, 0.09% sodium azide.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Specificity	Human
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	106,162 Da
Chromosome Location	Chromosome: 6; NC_000006.11 (126102307..126253176). Location: 6q22.32
OMIM	609752
3D Structure	ModBase 3D Structure for Q8NI08
Immunogen	NCOA7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 82~112 amino acids from the N-terminal region of human NCOA7.
Product Categories/Family for anti-NCOA7 antibody	Antibodies; Abs to Receptors; Estrogen
Applications Tested/Suitable for anti-NCOA7 antibody	ELISA (EL/EIA), Western Blot (WB), Immunohistochemistry (IHC), Flow Cytometry (FC/FACS)
Application Notes for anti-NCOA7 antibody	Suitable for use in Western Blot, Immunohistochemistry, Flow Cytometry, ELISA Dilution: ELISA: 1:1,000 Western Blot: 1:100-500 Immunohistochemistry: 1:50-100 Flow Cytometry: 1:10-50
Related Product Information for anti-NCOA7 antibody	NCOA7 enhances the transcriptional activities of several nuclear receptors. It is involved in the coactivation of different nuclear receptors, such as ESR1, THRB, PPARG and RARA.
Other Notes	Small volumes of anti-NCOA7 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

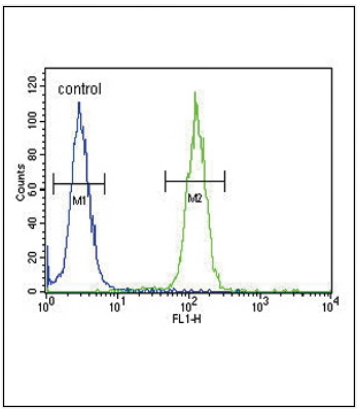
Searchable Terms for NCOA7 purchase	MBS6003404 is an antibody targeting NCOA7. Also known as NCOA7, NT (NCOA7, ERAP140, ESNA1, Nuclear receptor coactivator 7, 140kD estrogen receptor-associated protein, Estrogen nuclear receptor coactivator 1). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-NCOA7 antibody
Western blot analysis of NCOA7 Antibody (N-term) in 293(lane 1), MDA-MB435(lane 2) cell line lysates (35ug/lane). NCOA7 (arrow) was detected using the purified Pab.



Immunohistochemistry (IHC) of anti-NCOA7 antibody
Formalin-fixed and paraffin-embedded human brain tissue reacted with NCOA7 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Flow Cytometry (FC/FACS) of anti-NCOA7 antibody
NCOA7 Antibody (N-term) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NCOA7. It may not necessarily be applicable to this product.

NCBI GI #	313850981
NCBI GeneID	135112
NCBI Accession #	NP_001186551.1
UniProt Primary Accession #	Q8NI08
UniProt Secondary Accession #	Q3LID6; Q4G0V1; Q5TF95; Q6IPQ4; Q6NE83; Q86T89; Q8N1W4; B2RNS2; B7Z2C4; B9EH71; G8JL91
UniProt Related Accession #	Q8NI08
GenBank Nucleotide #	NM_001199622.1
NCBI Official Full Name	nuclear receptor coactivator 7 isoform 4
NCBI Official Synonym Full Names	nuclear receptor coactivator 7
NCBI Official Symbol	NCOA7

NCBI Official Synonym Symbols	ESNA1; TLDC4; ERAP140; Nbla00052; Nbla10993; dJ187J11.3
UniProt Protein Name	Nuclear receptor coactivator 7
UniProt Synonym Protein Names	140 kDa estrogen receptor-associated protein; Estrogen nuclear receptor coactivator 1
Protein Family	Nuclear receptor coactivator
UniProt Gene Name	NCOA7
UniProt Synonym Gene Names	ERAP140; ESNA1
UniProt Entry Name	NCOA7_HUMAN
NCBI Protein Information	nuclear receptor coactivator 7; putative protein product of Nbla00052; putative protein product of Nbla10993; TBC/LysM-associated domain containing 4; estrogen nuclear receptor coactivator 1; 140 kDa estrogen receptor-associated protein; estrogen receptor associated protein 140 kDa
UniProt Comments for NCOA7	NCOA7: Enhances the transcriptional activities of several nuclear receptors. Involved in the coactivation of different nuclear receptors, such as ESR1, THRB, PPARG and RARA. Belongs to the OXR1 family. 6 isoforms of the human protein are produced by alternative splicing. Protein type: Nuclear receptor co-regulator; Transcription, coactivator/corepressor Chromosomal Location of Human Ortholog: 6q22.32 Cellular Component: intracellular; nucleus Molecular Function: protein binding; ligand-dependent nuclear receptor transcription coactivator activity; nuclear hormone receptor binding Biological Process: transcription, DNA-dependent; positive regulation of transcription from RNA polymerase II promoter
Research Articles on NCOA7	**1.** These observations provide consistent evidence that genetic variants at the NCOA7 locus may confer a reduced risk of breast cancer.
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