

NCOA7 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5453

Specification

NCOA7 Antibody (N-term) - Product Information

Application	WB, IHC-P, FC,E
Primary Accession	Q8NI08
Other Accession	Q6DFV7
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	H=106,105,33,28;M=10 KDa
Isotype	Rabbit IgG
Antigen Source	HUMAN

NCOA7 Antibody (N-term) - Additional Information

Gene ID 135112

Antigen Region
76-103

Other Names

Nuclear receptor coactivator 7, 140 kDa estrogen receptor-associated protein, Estrogen nuclear receptor coactivator 1, NCOA7, ERAP140, ESNA1

Dilution

WB~~1:1000
IHC-P~~1:10~50
FC~~1:10~50

Target/Specificity

This NCOA7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 76-103 amino acids from the N-terminal region of human NCOA7.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

NCOA7 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

NCOA7 Antibody (N-term) - Protein Information

Name NCOA7

Synonyms ERAP140, ESNA1

Function

Enhances the transcriptional activities of several nuclear receptors. Involved in the coactivation of different nuclear receptors, such as ESR1, THRB, PPARG and RARA.

Cellular Location

Nucleus.

Tissue Location

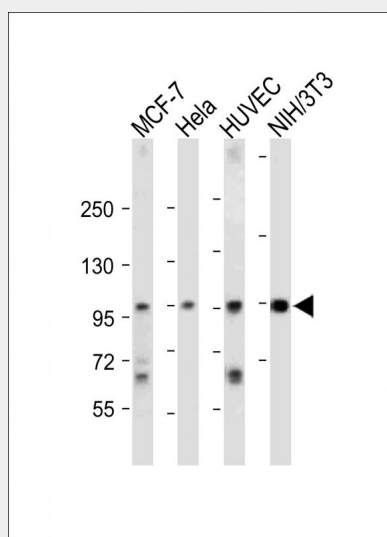
Highly expressed in brain. Weakly expressed in mammary gland, ovary, uterus, prostate, stomach, bladder, spinal cord and pancreas. Expressed in cancer cell line

NCOA7 Antibody (N-term) - Protocols

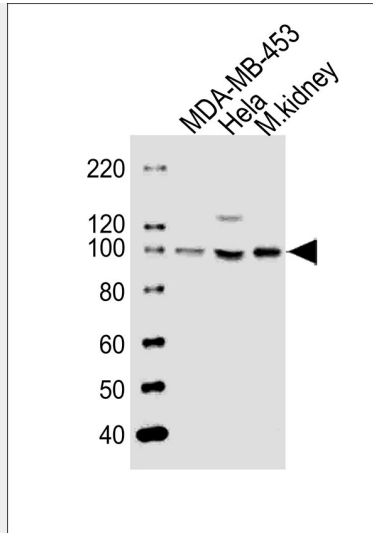
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

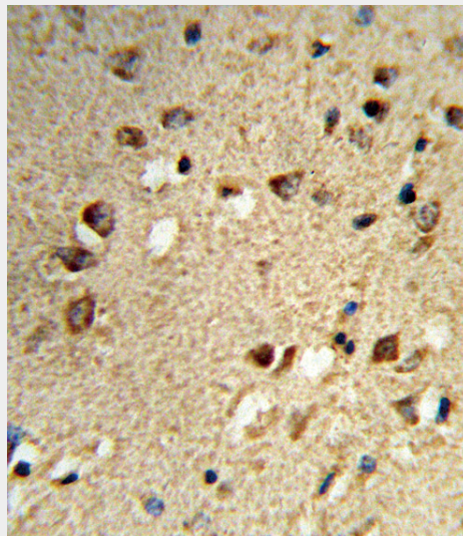
NCOA7 Antibody (N-term) - Images



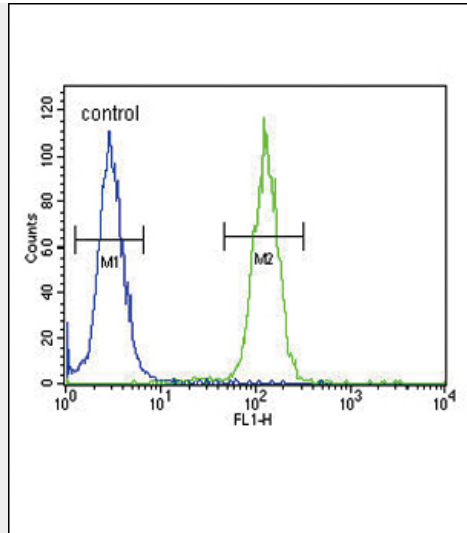
All lanes : Anti-NCOA7 Antibody (N-term) at 1:2000 dilution Lane 1: MCF-7 whole cell lysate Lane 2: HeLa whole cell lysate Lane 3: HUVEC whole cell lysate Lane 4: NIH/3T3 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 106 kDa Blocking/Dilution buffer: 5% NFD/MBST.



All lanes : Anti-NCOA7 Antibody (N-term) at 1:1000 dilution Lane 1: MDA-MB-453 whole cell lysates Lane 2: HeLa whole cell lysates Lane 3: mouse kidney lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 106 kDa Blocking/Dilution buffer: 5% NFDm/TBST.



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.



NCOA7 Antibody (N-term) (Cat. #AW5453) 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.

NCOA7 Antibody (N-term) - Background

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.

NCOA7 Antibody (N-term) - References

- ?Arai, H., et al. *Oncol. Rep.* 19(6):1381-1388(2008)
- ?Liu, Y., et al. *Schizophr. Res.* 89 (1-3), 360-361 (2007) :
- ?Durand, M., et al. *BMC Cell Biol.* 8, 13 (2007) :
- ?Mungall, A.J., et al. *Nature* 425(6960):805-811(2003)
- ?Ohira, M., et al. *Cancer Lett.* 197 (1-2), 63-68 (2003) :
- ?Rushing, S.R., et al. *Arch. Biochem. Biophys.* 403(2):189-201(2002)