

**NCOA7 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP9535a**

**Specification**

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**NCOA7 Antibody (N-term) - Product Information**

Application	WB, FC, IHC-P,E
Primary Accession	<a href="#">Q8NI08</a>
Other Accession	<a href="#">Q6DFV7</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	76-103

**NCOA7 Antibody (N-term) - Additional Information**

**Gene ID** 135112

**Other Names**

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

**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.

**Dilution**

WB~~1:1000  
FC~~1:10~50  
IHC-P~~1:10~50  
E~~Use at an assay dependent concentration.

**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**

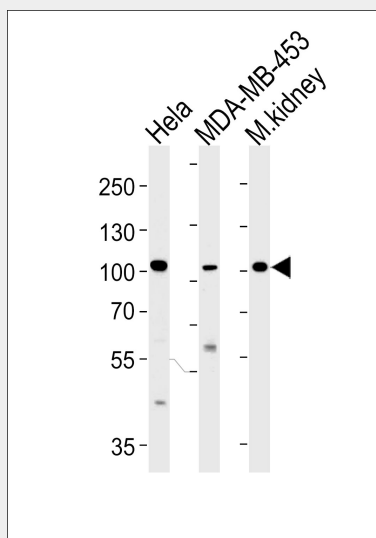
Highly expressed in brain. Weakly expressed in mammary gland, ovary, uterus, prostate, stomach, bladder, spinal cord and pancreas. Expressed in cancer cell line

**NCOA7 Antibody (N-term) - Protocols**

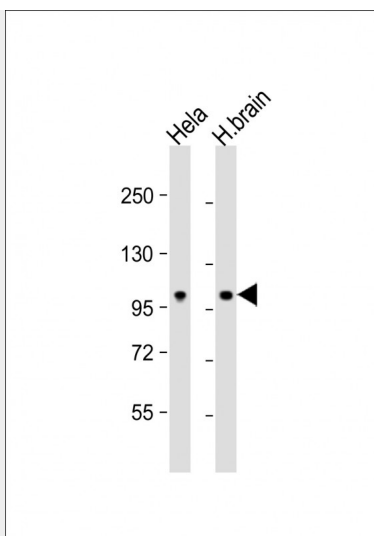
Provided below are standard protocols that you may find useful for product applications.

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

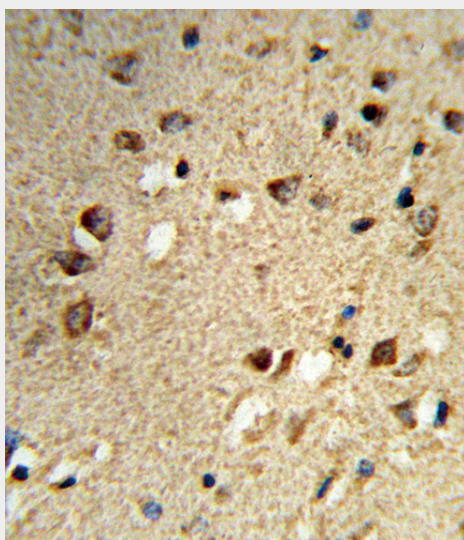
**NCOA7 Antibody (N-term) - Images**



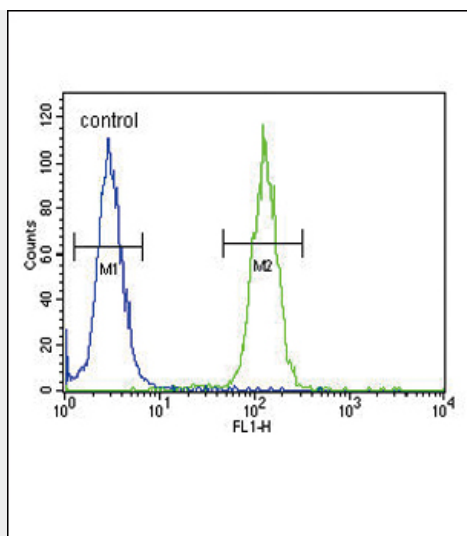
NCOA7 Antibody (N-term) (Cat. #AP9535a) western blot analysis in HeLa,MDA-MB-453 cell line and mouse kidney tissue lysates (35ug/lane).This demonstrates the NCOA7 antibody detected the NCOA7 protein (arrow).



All lanes : Anti-NCOA7 Antibody (N-term) at 1:1000 dilution Lane 1: Hela whole cell lysate Lane 2: human brain 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% 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. #AP9535a) 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)