Product Datasheet

NCOA2 Antibody
NB100-1756

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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Reviews: 1 Publications: 4

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
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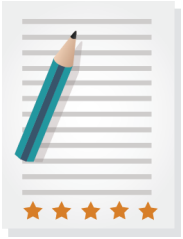
Updated 9/9/2025 v.20.1



NB100-1756

NCOA2 Antibody

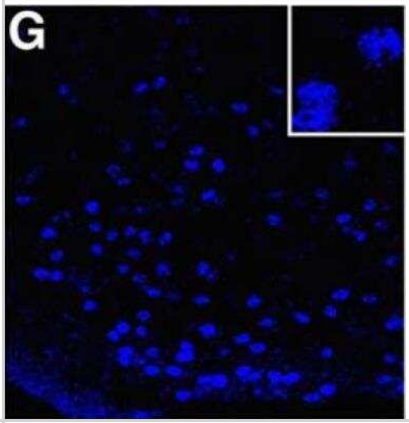
Product Information	
Unit Size	0.1 ml
Concentration	0.25 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS and 0.1% BSA

Product Description	
Description	Novus Biologicals Rabbit NCOA2 Antibody (NB100-1756) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-NCOA2 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10499
Gene Symbol	NCOA2
Species	Human, Mouse
Reactivity Notes	Based on 100% sequence identity, this antibody is predicted to react with Gorilla, White-tufted-ear Marmoset and Northern White-cheeked Gibbon. Mouse reactivity reported in scientific literature (PMID: 26465008).
Immunogen	The immunogen recognized by this antibody maps to a region between residue 1400 and the C-terminus (residue 1464) of human Nuclear Receptor Coactivator 2 using the numbering given in entry NP_006531.1 (GeneID 10499).

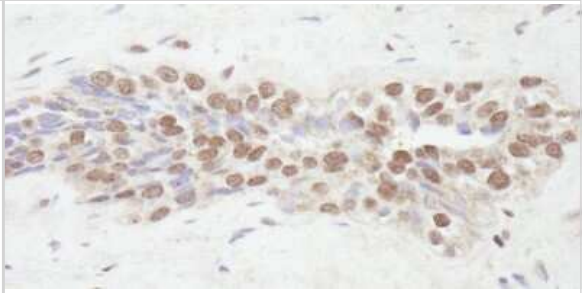
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:50 - 1:500, Immunohistochemistry-Paraffin 1:100-1:500
Application Notes	Likely to work in frozen sections. Although not tested this antibody may be useful in ICC/IF. *The investigator should determine the optimal working dilution for a specific application. Use in Western blot reported in scientific literature (PMID: 26465008).

Images

Immunocytochemistry/Immunofluorescence: NCOA2 Antibody [NB100-1756] - The majority of estradiol-induced PR-A or PR-B cells in the VMN of female mice coexpress SRC-1 and SRC-2. Representative images taken from estradiol-treated wt mice. Magnification: images, 400x; insets, 630x. Scale bar, 50um. Image collected and cropped by CiteAb from the following publication (eneuro.sfn.org/cgi/doi/10.1523/ENEURO.0012-15.2015), licensed under a CC-BY license.



Immunohistochemistry: NCOA2 Antibody [NB100-1756] - Sample : FFPE section of prostate adenocarcinoma. Antibody : Affinity purified rabbit anti-NCOA2/SRC2 used at a dilution of 1:100. Detection : DAB



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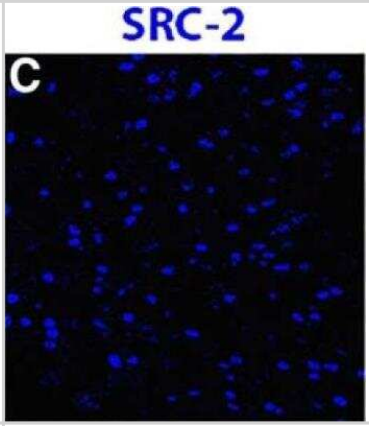
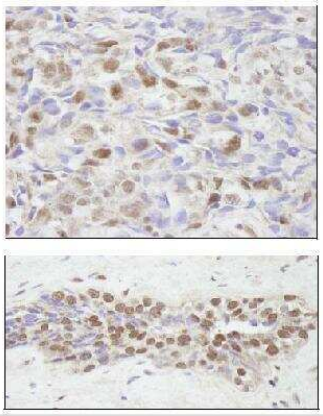
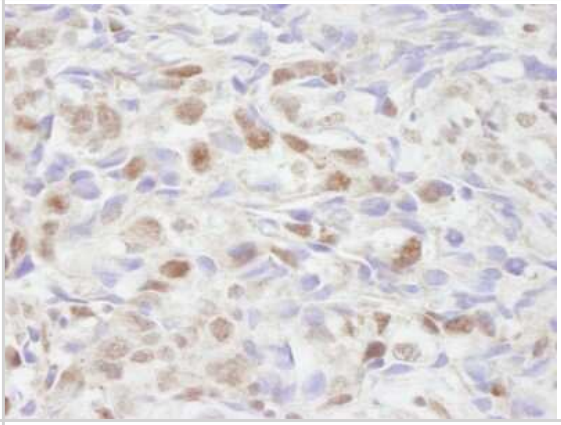
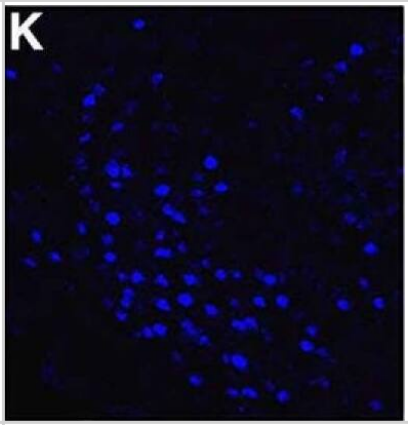
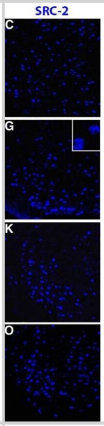
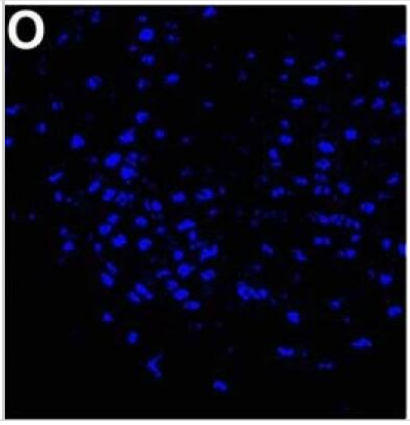


Immunohistochemistry: NCOA2 Antibody [NB100-1756] - Samples: FFPE sections of human breast adenocarcinoma (upper image) and prostate adenocarcinoma (lower image). Antibody: Affinity purified rabbit anti-SRC2 NB100-1756 used at a dilution of 1:100. Detection: DAB



Immunohistochemistry: NCOA2 Antibody [NB100-1756] - Sample : FFPE section of human breast adenocarcinoma. Antibody : Affinity purified rabbit anti-NCOA2/SRC2 used at a dilution of 1:250. Detection : DAB	
Immunocytochemistry/ Immunofluorescence: NCOA2 Antibody [NB100-1756] - The majority of estradiol-induced PR-A or PR-B cells in the VMN of female mice coexpress SRC-1 & SRC-2. A–P, Representative images taken from vehicle control wt mice (A–D) & estradiol-treated wt mice (E–H), PRBKO mice (that express PR-A only; I–L), & PRAKO mice (that express PR-B only; M–P). Insets show the magnified image of an area within the small square box. Magnification: images, 400×; insets, 630×. Scale bar, 50 µm. Image collected & cropped by CiteAb from the following publication (https://pubmed.ncbi.nlm.nih.gov/26465008), licensed under a CC-BY license. Not internally tested by Novus Biologicals.	
Immunocytochemistry/ Immunofluorescence: NCOA2 Antibody [NB100-1756] - The majority of estradiol-induced PR-A or PR-B cells in the VMN of female mice coexpress SRC-1 & SRC-2. A–P, Representative images taken from vehicle control wt mice (A–D) & estradiol-treated wt mice (E–H), PRBKO mice (that express PR-A only; I–L), & PRAKO mice (that express PR-B only; M–P). Insets show the magnified image of an area within the small square box. Magnification: images, 400×; insets, 630×. Scale bar, 50 µm. Image collected & cropped by CiteAb from the following publication (https://pubmed.ncbi.nlm.nih.gov/26465008), licensed under a CC-BY license. Not internally tested by Novus Biologicals.	
Immunocytochemistry/ Immunofluorescence: NCOA2 Antibody [NB100-1756] - The majority of estradiol-induced PR-A or PR-B cells in the VMN of female mice coexpress SRC-1 & SRC-2. A–P, Representative images taken from vehicle control wt mice (A–D) & estradiol-treated wt mice (E–H), PRBKO mice (that express PR-A only; I–L), & PRAKO mice (that express PR-B only; M–P). Insets show the magnified image of an area within the small square box. Magnification: images, 400×; insets, 630×. Scale bar, 50 µm. Image collected & cropped by CiteAb from the following publication (https://pubmed.ncbi.nlm.nih.gov/26465008), licensed under a CC-BY license. Not internally tested by Novus Biologicals.	

Publications

Watson S, LaVigne CA, Xu L et al. VGLL2-NCOA2 leverages developmental programs for pediatric sarcomagenesis Cell Reports 2023-01-31 [PMID: 36656711] (Immunohistochemistry, Mouse)

Acharya KD, Finkelstein SD, Bless EP et al. Estradiol Preferentially Induces Progestin Receptor-A (PR-A) Over PR-B in Cells Expressing Nuclear Receptor Coactivators in the Female Mouse Hypothalamus(1,2,3). eNeuro 2015-07-01 [PMID: 26465008] (WB, Mouse)

Niessen NA, Balthazart J, Ball GF, Charlier TD. Steroid receptor coactivator 2 modulates steroid-dependent male sexual behavior and neuroplasticity in Japanese quail (Coturnix japonica). J Neurochem 2011-11-01 [PMID: 21854393]

Tognoni CM, Chadwick JG Jr, Ackeifi CA, Tetel MJ. Nuclear receptor coactivators are coexpressed with steroid receptors and regulated by estradiol in mouse brain. Neuroendocrinology;94(1):49-57. 2011-01-01 [PMID: 21311177] (IF/IHC, Mouse)

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Products Related to NB100-1756

NBL1-13516	NCOA2 Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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