



[Go to Product page](#)

Datasheet for ABIN7255239

## anti-NCOA2 antibody

### 3 Images

#### Overview

Quantity:	200 µL
Target:	NCOA2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCOA2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

#### Product Details

Immunogen:	Recombinant fusion protein of human NCOA2 (NP_006531.1).
Isotype:	IgG
Specificity:	This antibody ist KO validated.
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification
Grade:	KO Validated

#### Target Details

Target:	NCOA2
Alternative Name:	NCOA2 ( <a href="#">NCOA2 Products</a> )
Background:	The protein encoded by this gene functions as a transcriptional coactivator for nuclear

## Target Details

---

hormone receptors, including steroid, thyroid, retinoid, and vitamin D receptors. The encoded protein 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. This gene 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.

Molecular Weight: Observed\_MW: 200 kDa  
Calculated\_MW: 159 kDa

Gene ID: 10499

UniProt: [Q15596](#)

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Regulation of Intracellular Steroid Hormone Receptor Signaling](#), [Nuclear Hormone Receptor Binding](#), [Regulation of Lipid Metabolism by PPARalpha](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [CXCR4-mediated Signaling Events](#), [Thromboxane A2 Receptor Signaling](#)

## Application Details

---

Application Notes: WB 1:500-1:2000 IHC 1:50-1:200

Restrictions: For Research Use only

## Handling

---

Format: Liquid

Concentration: 1 mg/mL

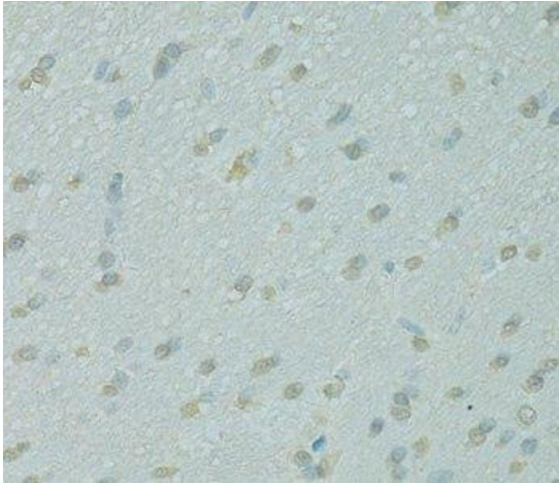
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

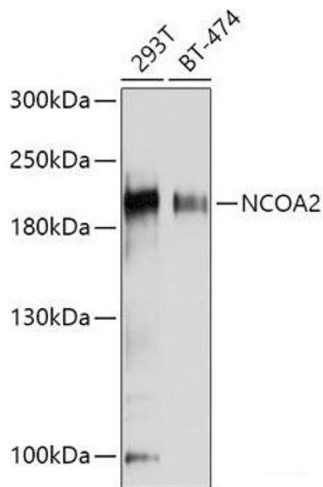
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



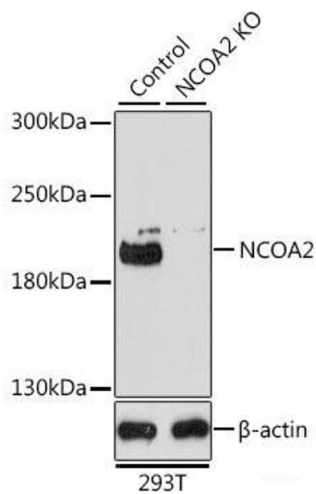
### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Rat brain using NCOA2 Polyclonal Antibody at dilution of 1:100 (40x lens).



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines using NCOA2 Polyclonal Antibody at dilution of 1:1000.



### Western Blotting

**Image 3.** Western blot analysis of extracts from normal (control) and NCOA2 knockout (KO) 293T cells using NCOA2 Polyclonal Antibody at dilution of 1:1000.