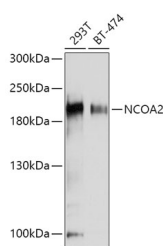


## (KO Validated) NCOA2 Polyclonal Antibody

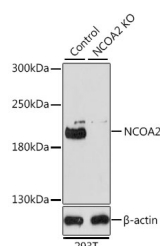
|                     |   |                   |        |
|---------------------|---|-------------------|--------|
| <b>Catalog No.</b>  | E-AB-63329                                  | <b>Reactivity</b> | H,M,R  |
| <b>Storage</b>      | Store at -20°C. Avoid freeze / thaw cycles. | <b>Host</b>       | Rabbit |
| <b>Applications</b> | WB,IHC                                      | <b>Isotype</b>    | IgG    |

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

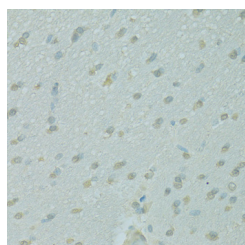
### Images



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



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



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

### Immunogen Information

|                  |  |
|------------------|--|
| <b>Immunogen</b> | Recombinant fusion protein of human NCOA2 (NP_006531.1). |
| <b>GeneID</b>    | 10499  |
| <b>Swissprot</b> | Q15596   |
| <b>Synonyms</b>  | NCOA2,GRIP1,KAT13C,NCOA-2,SRC2,TIF2,bHLHe75              |

### Product Information

|                      |   |
|----------------------|---|
| <b>Calculated MW</b> | 159kDa  |
| <b>Observed MW</b>   | 200kDa  |
| <b>Buffer</b>        | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| <b>Purify</b>        | Affinity purification                             |
| <b>Dilution</b>      | WB 1:500-1:2000 IHC 1:50-1:200                    |

### Background

The protein encoded by this gene functions as a transcriptional coactivator for nuclear 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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.