



# NCoA-5 Polyclonal Antibody

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| Catalog No         | BYab-19672                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Isotype            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Reactivity         | Human;Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Applications       | IHC;IF;ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Gene Name          | NCOA5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Protein Name       | Nuclear receptor coactivator 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Immunogen          | The antiserum was produced against synthesized peptide derived from human NCOA5. AA range:345-394                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Specificity        | NCoA-5 Polyclonal Antibody detects endogenous levels of NCoA-5 protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Formulation        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Source             | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Purification       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Dilution           | IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Concentration      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Purity             | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Storage Stability  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Synonyms           | NCOA5; KIAA1637; Nuclear receptor coactivator 5; NCoA-5; Coactivator independent of AF-2; CIA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Observed Band      | 65kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Cell Pathway       | Nucleus.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Tissue Specificity | Widely expressed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Function           | domain:Contains one Leu-Xaa-Xaa-Leu-Leu (LxxLL) motif that is essential for the association with nuclear receptors.,function:Nuclear receptor coregulator that can have both coactivator and corepressor functions. Interacts with nuclear receptors for steroids (ESR1 and ESR2) independently of the steroid binding domain (AF-2) of the ESR receptors, and with the orphan nuclear receptor NR1D2. Involved in the coactivation of nuclear steroid receptors (ER) as well as the corepression of MYC/c-myc in response to 17-beta-estradiol (E2).,subunit:Binds HTATIP2/TIP30.,tissue specificity:Widely expressed., |

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## Background

This gene encodes a coregulator for the alpha and beta estrogen receptors and the orphan nuclear receptor NR1D2. The protein localizes to the nucleus, and is thought to have both coactivator and corepressor functions. Its interaction with nuclear receptors is independent of the AF2 domain on the receptors, which is known to regulate interaction with other coreceptors. Two alternatively spliced transcript variants for this gene have been described. However, the full length nature of one of the variants has not been determined. [provided by RefSeq, Jul 2008],

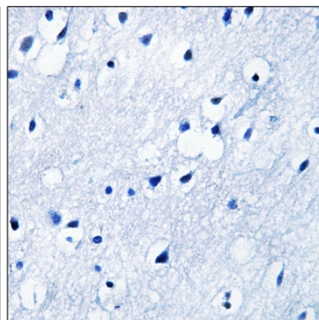
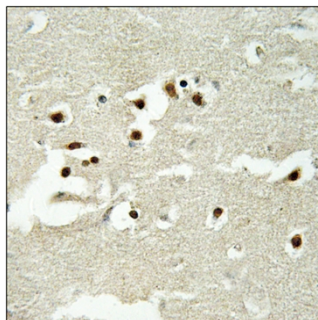
## matters needing attention

Avoid repeated freezing and thawing!

## Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using NCOA5 Antibody. The picture on the right is blocked with the synthesized peptide.