

**NCoA-3 Polyclonal Antibody**  
Catalog # AP73690

**Specification**

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**NCoA-3 Polyclonal Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">Q9Y6Q9</a> |
| Reactivity        | Human, Mouse, Rat      |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |

**NCoA-3 Polyclonal Antibody - Additional Information**

Gene ID 8202

**Other Names**

NCOA3; AIB1; BHLHE42; RAC3; TRAM1; Nuclear receptor coactivator 3; NCoA-3; ACTR; Amplified in breast cancer 1 protein; AIB-1; CBP-interacting protein; pCIP; Class E basic helix-loop-helix protein 42; bHLHe42; Receptor-associated coactivator 3; RAC-3; Steroid receptor coactivator protein 3; SRC-3; Thyroid hormone receptor activator molecule 1; TRAM-1

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**NCoA-3 Polyclonal Antibody - Protein Information**

**Name** NCOA3

**Synonyms** AIB1, BHLHE42, RAC3, TRAM1

**Function**

Nuclear receptor coactivator that directly binds nuclear receptors and stimulates the transcriptional activities in a hormone- dependent fashion. Plays a central role in creating a multisubunit coactivator complex, which probably acts via remodeling of chromatin. Involved in the coactivation of different nuclear receptors, such as for steroids (GR and ER), retinoids (RARs and RXRs), thyroid hormone (TRs), vitamin D3 (VDR) and prostanoids (PPARs). Displays histone acetyltransferase activity. Also involved in the coactivation of the NF-kappa-B pathway via its interaction with the NFKB1 subunit.

**Cellular Location**

Cytoplasm. Nucleus. Note=Mainly cytoplasmic and weakly nuclear. Upon TNF activation and

subsequent phosphorylation, it translocates from the cytoplasm to the nucleus

#### Tissue Location

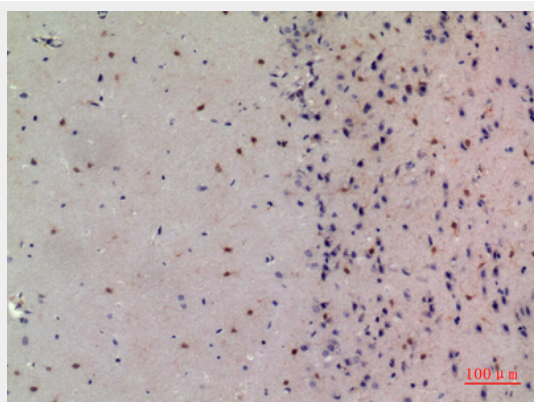
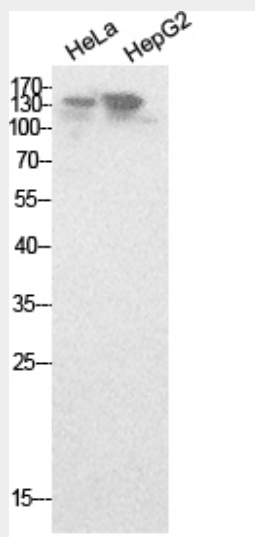
Widely expressed. High expression in heart, skeletal muscle, pancreas and placenta. Low expression in brain, and very low in lung, liver and kidney

#### NCoA-3 Polyclonal Antibody - 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](#)

#### NCoA-3 Polyclonal Antibody - Images



### **NCoA-3 Polyclonal Antibody - Background**

Nuclear receptor coactivator that directly binds nuclear receptors and stimulates the transcriptional activities in a hormone-dependent fashion. Plays a central role in creating a multisubunit coactivator complex, which probably acts via remodeling of chromatin. Involved in the coactivation of different nuclear receptors, such as for steroids (GR and ER), retinoids (RARs and RXRs), thyroid hormone (TRs), vitamin D3 (VDR) and prostanoids (PPARs). Displays histone acetyltransferase activity. Also involved in the coactivation of the NF-kappa-B pathway via its interaction with the NFKB1 subunit.