

NCOA2 Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20987c

Specification

NCOA2 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q15596
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	159157

NCOA2 Antibody (C-term) - Additional Information

Gene ID 10499

Other Names

Nuclear receptor coactivator 2, NCoA-2, Class E basic helix-loop-helix protein 75, bHLHe75, Transcriptional intermediary factor 2, hTIF2, NCOA2, BHLHE75, SRC2, TIF2

Target/Specificity

This NCOA2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1169-1203 amino acids from the C-terminal region of human NCOA2.

Dilution

WB~~1:500-1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

NCOA2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

NCOA2 Antibody (C-term) - Protein Information

Name NCOA2

Synonyms BHLHE75, SRC2, TIF2 {ECO:0000303|PubMed:

Function Transcriptional coactivator for steroid receptors and nuclear receptors

(PubMed:[23508108](#), PubMed:[8670870](#), PubMed:[9430642](#)). Coactivator of the steroid binding domain (AF-2) but not of the modulating N-terminal domain (AF-1) (PubMed:[23508108](#), PubMed:[8670870](#), PubMed:[9430642](#)). Required with NCOA1 to control energy balance between white and brown adipose tissues (PubMed:[23508108](#), PubMed:[8670870](#), PubMed:[9430642](#)). Critical regulator of glucose metabolism regulation, acts as a RORA coactivator to specifically modulate G6PC1 expression (PubMed:[23508108](#), PubMed:[8670870](#), PubMed:[9430642](#)). Involved in the positive regulation of the transcriptional activity of the glucocorticoid receptor NR3C1 by sumoylation enhancer RWDD3 (PubMed:[23508108](#)). Positively regulates the circadian clock by acting as a transcriptional coactivator for the CLOCK-BMAL1 heterodimer (By similarity).

Cellular Location

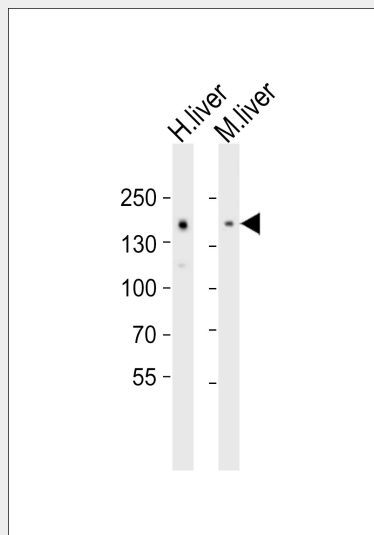
Nucleus.

NCOA2 Antibody (C-term) - 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](#)

NCOA2 Antibody (C-term) - Images



Western blot analysis of lysates from human liver, mouse liver tissue lysate (from left to right), using NCOA2 Antibody (C-term)(Cat. #AP20987c). AP20987c was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

NCOA2 Antibody (C-term) - Background

Transcriptional coactivator for steroid receptors and nuclear receptors. Coactivator of the steroid binding domain (AF- 2) but not of the modulating N-terminal domain (AF-1). Required with NCOA1

to control energy balance between white and brown adipose tissues.

NCOA2 Antibody (C-term) - References

- Voegel J.J.,et al.EMBO J. 15:3667-3675(1996).
Carapeti M.,et al.Blood 91:3127-3133(1998).
Voegel J.J.,et al.EMBO J. 17:507-519(1998).
Fryer C.J.,et al.Nature 393:88-91(1998).
Carrero P.,et al.Mol. Cell. Biol. 20:402-415(2000).