

Rabbit NCoA2 Polyclonal Antibody | anti-NCoA2 antibody

Phospho-NCoA2 (Ser698/699) Antibody

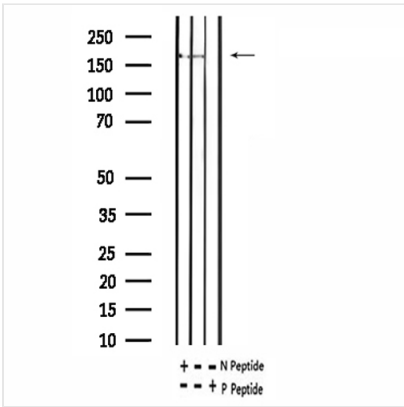
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328519	Rabbit	Human, Mouse, RatPredicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

NCoA2; Polyclonal Antibody; Phospho-NCoA2 (Ser698/699) Antibody; bHLHe75; Class E basic helix-loop-helix protein 75; glucocorticoid receptor interacting protein 1; GRIP 1; GRIP1; hTIF2; MED1; MGC138808; NCoA 2; NCoA-2; Ncoa2; NCOA2_HUMAN; Nuclear receptor coactivator 2; Oncogene FGR; p160; SRC 2; src2; Steroid receptor coactivator 2; TIF 2; TIF2; Transcriptional intermediary factor 2; anti-NCoA2 antibody

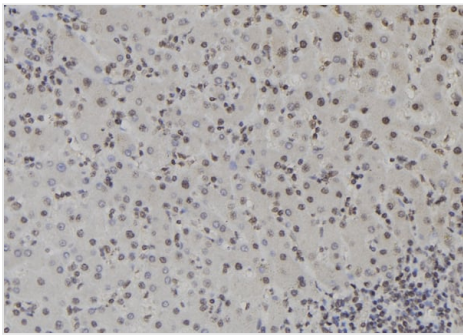
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-NCoA2 (Ser698/699) Antibody detects endogenous levels of NCoA2 only when phosphorylated at Ser698/699.
Purity/Purification	Purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1464
Applicable Applications for anti-NCoA2 antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human NCoA2 around the phosphorylation site of Ser698/699.
Subcellular Location	Nucleus
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



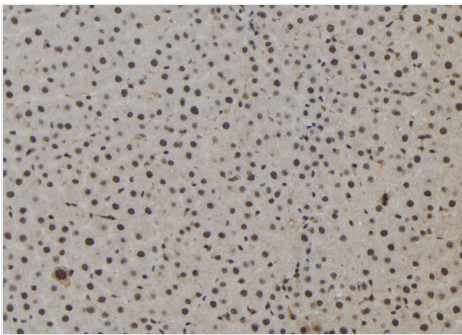
WB (Western Blot)

Western blot analysis of Phospho-NCoA2 (Ser698/699) in lysates of HeLa TSA 400nM 24H, using Phospho-NCoA2 (Ser698/699) Antibody.



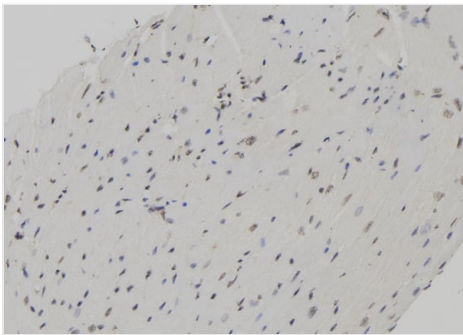
IHC (Immunohistochemistry)

At 1/100 staining human liver tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



IHC (Immunohistochemistry)

At 1/100 staining rat liver tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



IHC (Immunohistochemistry)

At 1/100 staining mouse heart tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary

ADDITIONAL INFORMATION

Related Product Information for anti-NCoA2 antibody	Description: 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. Critical regulator of glucose metabolism regulation, acts as RORA coactivator to specifically modulate G6PC expression. Involved in the positive regulation of the transcriptional activity of the glucocorticoid receptor NR3C1 by sumoylation enhancer RWDD3. Positively regulates the circadian clock by acting as a transcriptional coactivator for the CLOCK-ARNTL/BMAL1 heterodimer (By similarity). Subunit Structure: Present in a complex containing NCOA3, IKKA, IKKB, IKBKG and CREBBP. Interacts (via C-terminus) with CREBBP. Interacts with ESR1, HIF1A, NCOA1, APEX, NR3C1, NR3C2, CARM1, RARA, and RXRA. Present in a complex containing CARM1 and EP300/P300. Interacts with CASP8AP2 and TTLL5/STAMP. Interacts with PSMB9 and DDX5. Interacts (via LXXLL 1, 2 and 3 motifs) with RORA and RORC (via AF-2 motif). Interacts with RWDD3. Interacts with CLOCK and ARNTL/BMAL1 (By similarity). Interacts with NR4A3; potentiates the activity of the NR4A3 (By similarity). Interacts with NR1H3 (PubMed:19481530). Similarity: Contains four Leu-Xaa-Xaa-Leu-Leu (LXXLL) motifs. The LXXLL motifs are essential for the association with nuclear receptors and are, at least in part, functionally redundant. The LLXXLXXXL motif is involved in transcriptional coactivation and CREBBP/CBP binding. Contains 2 C-terminal transcription activation domains (AD1 and AD2) that can function independently. Belongs to the SRC/p160 nuclear receptor coactivator family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5729858
NCBI GeneID	10499

NCBI Accession #	NP_006531.1
NCBI GenBank Nucleotide #	NP_006531.1
UniProt Accession #	Q15596
Molecular Weight	Observed: 175 kDa Predicted: 160 kDa
NCBI Official Full Name	nuclear receptor coactivator 2 isoform a
NCBI Official Synonym Full Names	nuclear receptor coactivator 2
NCBI Official Symbol	NCOA2
NCBI Official Synonym Symbols	SRC2; TIF2; GRIP1; KAT13C; NCoA-2; bHLHe75
NCBI Protein Information	nuclear receptor coactivator 2
UniProt Protein Name	Nuclear receptor coactivator 2
UniProt Gene Name	NCOA2
UniProt Synonym Gene Names	BHLHE75; TIF2; NCoA-2; bHLHe75; hTIF2
UniProt Entry Name	NCOA2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ncoa2-antibody-peptide-elisa-immunohistochemistry-western-blot-elisa/328519>