
Product Name: NCoA-5 Rabbit Polyclonal Antibody**Catalog #: APRab14455**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	IHC,ICC/IF,ELISA
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
Molecular Weight	65kDa

Antigen Information

Gene Name	NCOA5
Alternative Names	NCOA5; KIAA1637; Nuclear receptor coactivator 5; NCoA-5; Coactivator independent of AF-2; CIA
Gene ID	57727.0
SwissProt ID	Q9HCD5
Immunogen	The antiserum was produced against synthesized peptide derived from human NCOA5. AA range:345-394

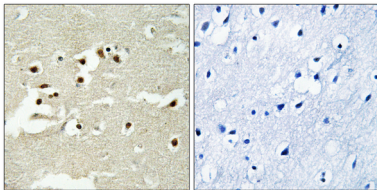
Background

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],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.,

Research Area

Nuclear Signaling Pathways; Nuclear Receptors; Co-activators/co-repressors; Epigenetics and Nuclear Signaling; Transcription; Co-factors

Image Data



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