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NCOA62 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57373

Specification

NCOA62 Polyclonal Antibody - Product Information

Application	**IHC-P, IHC-F, IF, ICC, E**
Primary Accession	Q13573
Reactivity	**Rat, Pig, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**61 KDa**
Physical State	**Liquid**
Immunogen	**KLH conjugated synthetic peptide derived from human NCOA62**
Epitope Specificity	**51-150/536**
Isotype	**IgG**

Purity
affinity purified by Protein A

Buffer	**0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.**
SUBCELLULAR LOCATION	**Nuclear**
SIMILARITY	**Belongs to the SNW family.**
SUBUNIT	**Interacts SKI, SMAD2,SMAD3, RBPJ, RB1, PABPN1, MAGEA1, SIRT1, FOXN3, U2AF2, PPIL1, DAXX and ATP1B4. Interacts with VDR and RXRA; preferentially associates with VDR:RXRA heterodimers. Interacts with NCOR2 and EBV EBNA2; NCOR2 and EBV EBNA2 compete for interaction with SNW1. Interacts with MAML1. Interacts with NOTCH1 NICD; the interaction involves multimerized NOTCH1 NICD. Forms a complex with NOTCH1 NICD and MAML1; the association is dissociated by RBPJ. Identified in the spliceosome C complex. Associates with U4/U6-U5 tri-small nuclear ribonucleoproteins (U4/U6-U5 tri-snRNPs). Associates with positive transcription elongation factor b (P-TEFb). Component of the SNARP complex which consists at least of SNIP1, SNW1, THRAP3, BCLAF1 and PNN. Interacts with human papillomavirus type-16 (HPV16) E7 protein.**
Important Note	**This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.**

Background Descriptions
This gene, a member of the SNW gene family, encodes a coactivator that enhances transcription

from some Pol II promoters. This coactivator can bind to the ligand-binding domain of the vitamin D receptor and to retinoid receptors to enhance vitamin D-, retinoic acid-, estrogen-, and glucocorticoid-mediated gene expression. It can also function as a splicing factor by interacting with poly(A)-binding protein 2 to directly control the expression of muscle-specific genes at the transcriptional level. Finally, the protein may be involved in oncogenesis since it interacts with a region of SKI oncoproteins that is required for transforming activity. [provided by RefSeq, Jul 2008]

NCOA62 Polyclonal Antibody - Additional Information

Gene ID 22938

Other Names
SNW domain-containing protein 1, Nuclear protein SkiP, Nuclear receptor coactivator NCoA-62, Ski-interacting protein, SNW1

Dilution
IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Format
0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage
Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ℃.

NCOA62 Polyclonal Antibody - Protein Information

Name SNW1

Function
Involved in pre-mRNA splicing as component of the spliceosome (PubMed:11991638, PubMed:28076346, PubMed:28502770). As a component of the minor spliceosome, involved in the splicing of U12-type introns in pre-mRNAs (Probable). Required for the specific splicing of CDKN1A pre- mRNA; the function probably involves the recruitment of U2AF2 to the mRNA. May recruit PPIL1 to the spliceosome. May be involved in cyclin- D1/CCND1 mRNA stability through the SNARP complex which associates with both the 3'end of the CCND1 gene and its mRNA. Involved in transcriptional regulation. Modulates TGF-beta-mediated transcription via association with SMAD proteins, MYOD1-mediated transcription via association with PABPN1, RB1-mediated transcriptional repression, and retinoid-X receptor (RXR)- and vitamin D receptor (VDR)-dependent gene transcription in a cell line-specific manner probably involving coactivators NCOA1 and GRIP1. Is involved in NOTCH1-mediated transcriptional activation. Binds to multimerized forms of Notch intracellular domain (NICD) and is proposed to recruit transcriptional coactivators such as MAML1 to form an intermediate preactivation complex which associates with DNA-bound CBF-1/RBPJ to form a transcriptional activation complex by releasing SNW1 and redundant NOTCH1 NICD.

Cellular Location
Nucleus

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NCOA62 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 Cytomety
- Cell Culture

NCOA62 Polyclonal Antibody - Images