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anti-NCOA2 antibody (N-Term)



Overview

Target:



NCOA2

Publication



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Quantity:	100 μL
Target:	NCOA2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Cow, Guinea Pig, Horse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCOA2 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human NCOA2
Sequence:	MSGMGENTSD PSRAETRKRK ECPDQLGPSP KRNTEKRNRE QENKYIEELA
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against NCOA2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	

Target Details

Alternative Name:	NCOA2 (NCOA2 Products)
Background:	NCOA2 is the transcriptional coactivator for steroid receptors and nuclear receptors. NCOA2 is
	the coactivator of the steroid binding domain (AF-2) but not of the modulating N-terminal
	domain (AF-1). NCOA2 is required with NCOA1 to control energy balance
	Alias Symbols: GRIP1, KAT13C, MGC138808, NCoA-2, TIF2, SRC2, bHLHe75
	Protein Interaction Partner: VDR, PSMB9, PPARG, ESR1, PML, UBC, TP53, TAF9, Pias3, tat,
	THRB, NR3C1, EP300, NR1I2, RXRA, RARA, CREBBP, AHR, KANK2, MAGEA11, NCOA1,
	HHV8GK18_gp81, ESR2, PGR, SUMO2, CAD, ATR, HSPA2, CC2D1A, UBR5, TBK1, WDHD1, USO1,
	STAT6, NCOA3, THRA, CDK4, CCND3, EID1,
	Protein Size: 1464
Molecular Weight:	159 kDa
Gene ID:	10499
NCBI Accession:	NM_006540, NP_006531
UniProt:	Q15596
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway, Regulation of Intracellular Steroid
	Hormone Receptor Signaling, Nuclear Hormone Receptor Binding, Regulation of Lipid
	Metabolism by PPARalpha, Regulation of Leukocyte Mediated Immunity, Positive Regulation of
	Immune Effector Process, CXCR4-mediated Signaling Events, Thromboxane A2 Receptor
	Signaling

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1464 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide

Handling

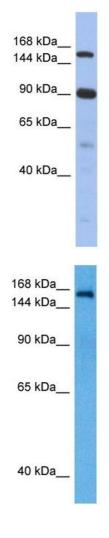
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:

Antala, Ovchinnikov, Kamisetty, Baker, Dempski: "Computation and Functional Studies Provide a Model for the Structure of the Zinc Transporter hZIP4." in: **The Journal of biological chemistry**, Vol. 290, Issue 29, pp. 17796-805, (2015) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-NCOA2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human Thymus

Western Blotting

Image 2. Host: Rabbit Target Name: NCOA2 Sample Tissue: Rat Brain Antibody Dilution: 1ug/ml