

DATASHEET

NCOAT Rabbit Polyclonal Antibody

CAT. NO. APA16145

KEY FEATURES

Target	NCOAT	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IHC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Cleaves GlcNAc but not GalNAc from O-glycosylated proteins . Deglycosylates a large and diverse number of proteins, such as CRYAB, ELK1, GSDMD, LMNB1 and TAB1 . Can use p-nitrophenyl-beta-GlcNAc and 4-methylumbelliferone-GlcNAc as substrates but not p-nitrophenyl-beta-GalNAc or p-nitrophenyl-alpha-GlcNAc (in vitro) . Does not bind acetyl-CoA and does not have histone acetyltransferase activity .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IHC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

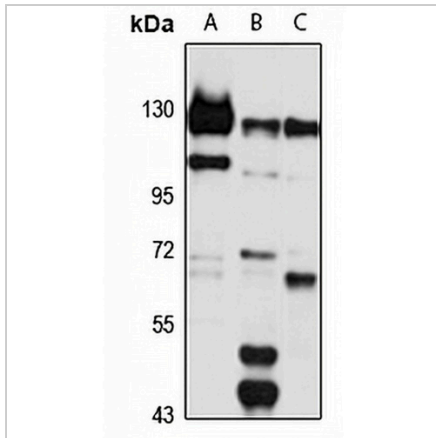
Description	Rabbit polyclonal antibody to NCOAT
Specificity	Recognizes endogenous levels of NCOAT protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human NCOAT. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 76; Observed: 120 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	HEXC; KIAA0679; MEA5; Bifunctional protein NCOAT; Meningioma-expressed antigen 5; Nuclear cytoplasmic O-GlcNAcase and acetyltransferase
Gene Symbol	MGEA5
Entrez Gene	10724(Human); 76055(Mouse); 154968(Rat)
SwissProt	O60502(Human); Q9EQQ9(Mouse); Q8VIJ5(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arex.bio or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of NCOAT expression in A375 (A), mouse lung (B), rat brain (C) whole cell lysates. (Predicted band size: 76; 95; 96; 102 kD; Observed band size: 120 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.