

Datasheet for ABIN6243036
anti-NAA10 antibody (AA 135-167)[Go to Product page](#)

2 Images

Overview

Quantity:	200 µL
Target:	NAA10 (ARD1A)
Binding Specificity:	AA 135-167
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NAA10 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	This NAA10 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 135-167 amino acids from the Central region of human NAA10.
Clone:	RB54653
Isotype:	Ig Fraction
Predicted Reactivity:	B, M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	NAA10 (ARD1A)
Alternative Name:	NAA10 (ARD1A Products)

Target Details

Background:	Catalytic subunit of the N-terminal acetyltransferase A (NatA) complex which displays alpha (N-terminal) acetyltransferase activity. The NAT activity may be important for vascular, hematopoietic and neuronal growth and development. Without NAA15, displays epsilon (internal) acetyltransferase activity towards HIF1A, thereby promoting its degradation. Represses MYLK kinase activity by acetylation, and thus represses tumor cell migration. Acetylates, and stabilizes TSC2, thereby repressing mTOR activity and suppressing cancer development.
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Molecular Weight:	26459
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UniProt:	P41227
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Application Details

Application Notes:	IF: 1:25. WB: 1:2000
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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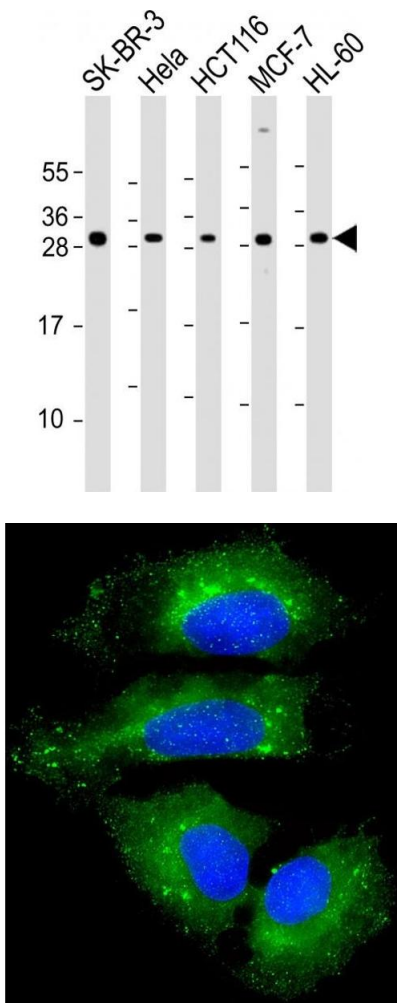
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C,-20 °C
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Expiry Date:	6 months
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Western Blotting

Image 1. All lanes : Anti-N Antibody (Center) at 1:2000 dilution Lane 1: SK-BR-3 whole cell lysate Lane 2: HeLa whole cell lysate Lane 3: HC whole cell lysate Lane 4: MCF-7 whole cell lysate Lane 5: HL-60 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 26 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Immunofluorescence

Image 2. Immunofluorescent analysis of 4 % paraformaldehyde-fixed, 0.1 % Triton X-100 permeabilized U-2 OS (human osteosarcoma cell line) cells labeling N with (ABIN6243036 and ABIN6578564) at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-rabbit IgG (NK179883) secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm and weak nucleus staining on U-2 OS cell line. The nuclear counter stain is DI (blue).