Product Name: **NAA10 Mouse Monoclonal Antibody**
Catalog #: **AMM81830**
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ICC,ELISA
Reactivity	Human,Mouse,Monkey
Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ICC 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	26.5kDa

Antigen Information

Gene Name	NAA10
Alternative Names	TE2; ARD1; NATD; ARD1A; ARD1P; OGDNS; DXS707; MCOPS1
Gene ID	8260.0
SwissProt ID	P41227
Immunogen	Purified recombinant fragment of human NAA10 (AA: 111-235) expressed in E. Coli.

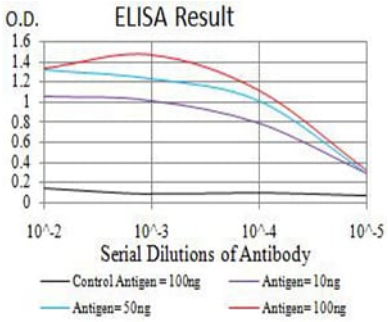
Background

N-alpha-acetylation is among the most common post-translational protein modifications in eukaryotic cells. This process involves the transfer of an acetyl group from acetyl-coenzyme A to the alpha-amino group on a nascent polypeptide and is essential for normal cell function. This gene encodes an N-terminal acetyltransferase that functions as the catalytic subunit of

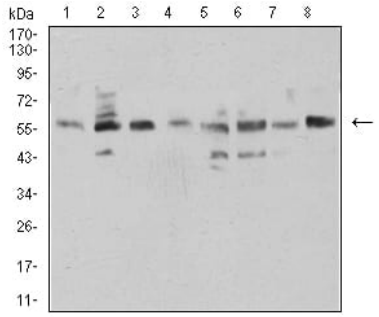
the major amino-terminal acetyltransferase A complex. Mutations in this gene are the cause of Ogden syndrome. Alternate splicing results in multiple transcript variants.

Research Area

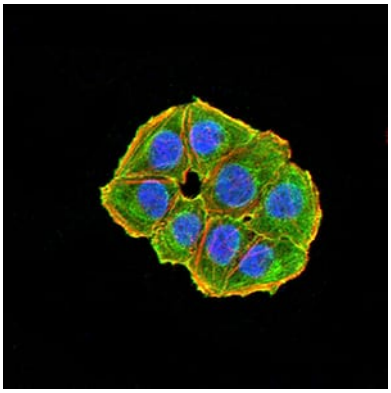
Image Data



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using NAA10 mouse mAb against HCT116 (1), COS7 (2), HEK293 (3), HL-60 (4), MCF-7 (5), Hela (6), NIH/3T3 (7), and C2C12 (8) cell lysate.



Immunofluorescence analysis of Hela cells using NAA10 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.