

Rabbit anti-Human NAA10/ARD1 Polyclonal Antibody | anti-NAA10 antibody

Anti-NAA10/ARD1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255751	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

NAA10/ARD1; Polyclonal Antibody; Anti-NAA10/ARD1 Antibody; Rabbit Polyclonal; ARD1 Antibody; Rabbit PAb; Antigen Affinity Purified; N(alpha)-acetyltransferase 10; NatA catalytic subunit; Anti-ARD1 Antibody; Anti-ARD1A Antibody; Anti-ARD1P Antibody; Anti-DXS707 Antibody; Anti-MCOPS1 Antibody; Anti-NAA10 Antibody; Anti-NATD Antibody; Anti-OGDNS Antibody; Anti-TE2 Antibody; anti-NAA10 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human ARD1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-NAA10 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Immunogen	Recombinant Human ARD1 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human ARD1 (rh ARD1). ARD1 specific IgG was purified by Human ARD1 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



WB (Western Blot)

Anti-ARD1A rabbit polyclonal antibody at 1:500 dilution. Lane A: Jurkat Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 26 kDa. Observed band size: 25 kDa.



IP (Immunoprecipitation)

ARD1A was immunoprecipitated using: Lane A: 0.5 mg Jurkat Whole Cell Lysate. Lane B: 0.5 mg NIH-3T3 Whole Cell Lysate. 2 uL anti-ARD1A rabbit polyclonal antibody and 15 uL of 50 % Protein G agarose. Primary antibody: Anti-ARD1A rabbit polyclonal antibody, at 1:500 dilution. Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 33 kDa. Observed band size: 26 kDa.



IHC (Immunohistochemistry)
Immunochemical staining of human ARD1A in human spleen with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-NAA10 antibody	ARD1 is a member of the 2-kDa ARF protein family. It is a multifunctional protein. ARD1 has an 18-kDa ADP-ribosylation factor (ARF) domain at the C-terminus (amino acids 43-574), and a 46-kDa N-terminal domain (amino acids 1-42). The C-terminal region of ARD1 may be involved in the formation of both ARD1-ARD1 and ARD1-NAT1 complexes. ARD1 and NAT1 genes are required for the expression of an N-terminal protein acetyltransferase. This activity is required for full repression of the silent mating-type locus HML, for sporulation, and for entry into G. Recombinant ARD1 (amino acids 1-574) or its RING finger domain (amino acids 1-11) produced polyubiquitylated proteins when incubated in vitro with a mammalian E1, an E2 enzyme, ATP, and ubiquitin.
References	Tribioli C., et al., (1994), Isolation of new genes in distal Xq28: transcriptional map and identification of a human homologue of the ARD1 N-acetyl transferase of Saccharomyces cerevisiae. Hum. Mol. Genet. 3:1061-1068.Arnesen T., et al., (2005), Identification and characterization of the human ARD1-NATH protein acetyltransferase complex.Biochem. J. 386:433-443.Ross M.T., et al., (2005), The DNA sequence of the human X chromosome.Nature 434:325-337.

NCBI AND UNIPROT INFORMATION

NCBI GI #	728880
NCBI GeneID	8260
UniProt Accession #	P41227; A6NM98
Molecular Weight	235
NCBI Official Full Name	N-alpha-acetyltransferase 10
NCBI Official Synonym Full Names	N(alpha)-acetyltransferase 10, NatA catalytic subunit
NCBI Official Symbol	NAA10
NCBI Official Synonym Symbols	TE2; ARD1; NATD; ARD1A; ARD1P; DXS707; MCOPS1
NCBI Protein Information	N-alpha-acetyltransferase 10; natA catalytic subunit Naa10; ARD1 homolog A, N-acetyltransferase; N-acetyltransferase ARD1, human homolog of; N-alpha-acetyltransferase 10, NatA catalytic subunit; N-terminal acetyltransferase complex ARD1 subunit homolog A
UniProt Protein Name	N-alpha-acetyltransferase 10
UniProt Gene Name	NAA10
UniProt Synonym Gene Names	ARD1; ARD1A; TE2
UniProt Entry Name	NAA10_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/naa10-ard1-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/255751>