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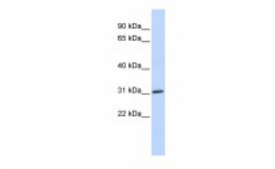
ARD1A Antibody

CATALOG NUMBER: 26-327



Antibody used in WB on Human Heart at 0.2-1 ug/ml.

Specifications

SPECIES REACTIVITY:	Human, Mouse, Rat
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ARD1A antibody can be used for detection of ARD1A by ELISA at 1:62500. ARD1A antibody can be used for detection of ARD1A by western blot at 1 ug/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
POSITIVE CONTROL:	1) Cat. No. XBL-10407 - Fetal Heart Tissue Lysate
PREDICTED MOLECULAR WEIGHT:	26 kDa
IMMUNOGEN:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human ARD1A.
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Antibody is purified by peptide affinity chromatography method.
PHYSICAL STATE:	Lyophilized
BUFFER:	Antibody is lyophilized in PBS buffer with 2% sucrose. Add 50 uL of distilled water. Final antibody concentration is 1 mg/mL.
CONCENTRATION:	1 mg/ml
STORAGE CONDITIONS:	For short periods of storage (days) store at 4˚C. For longer periods of storage, store ARD1A antibody at -20˚C. As with any antibody avoid repeat freeze-thaw cycles.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	ARD1A, ARD1, DXS707, MGC71248, TE2, NATD, ARD1A, ARD1P, MCOPS1
ACCESSION NO.:	NP_003482
PROTEIN GI NO.:	10835057

OFFICIAL SYMBOL:	NAA10
GENE ID:	8260

Background

BACKGROUND:	N-alpha-acetylation is one of the most common protein modifications that occurs during protein synthesis and involves the transfer of an acetyl group from acetyl-coenzyme A to the protein alpha-amino group. ARD1A, together with NATH (NARG1; MIM 608000), is part of a major N-alpha-acetyltransferase complex responsible for alpha-acetylation of proteins and peptides.N-alpha-acetylation is one of the most common protein modifications that occurs during protein synthesis and involves the transfer of an acetyl group from acetyl-coenzyme A to the protein alpha-amino group. ARD1A, together with NATH (NARG1; MIM 608000), is part of a major N-alpha-acetyltransferase complex responsible for alpha-acetylation of proteins and peptides (Sanchez-Puig and Fersht, 2006 [PubMed 16823041]).
REFERENCES:	1) Chun, K.H., (2007) Biochem. Biophys. Res. Commun. 353 (1), 18-25.

FOR RESEARCH USE ONLY

December 12, 2016