



ARD1A Rabbit pAb

Catalog No	YP-Ab-19401
Isotype	IgG
Reactivity	Human,Mouse
Applications	WB
Gene Name	NAA10 ARD1 ARD1A TE2
Immunogen	Synthesized peptide derived from human ARD1A. AA range:1-23
Specificity	This antibody detects endogenous levels of ARD1A at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	NAA10 ARD1 ARD1A TE2;N-alpha-acetyltransferase 10 (N-terminal acetyltransferase complex ARD1 subunit homolog A) (NatA catalytic subunit)
Observed Band	
Calculated Molecular Weight	26kD
Cell Pathway	Cytoplasm . Nucleus . Also present in the free cytosolic and cytoskeleton-bound polysomes. .
Tissue Specificity	Ubiquitous.
Function	Catalytic subunit of N-terminal acetyltransferase complexes which display alpha (N-terminal) acetyltransferase activity . Acetylates amino termini that are devoid of initiator methionine . The alpha (N-terminal) acetyltransferase 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 . Acetylates HSPA1A and HSPA1B at 'Lys-77' which enhances its chaperone activity and leads to preferential binding to co-chaperone HOPX . Acetylates HIST1H4A . Acts as a negative regulator of sister chromatid cohesion during



mitosis .

Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images