

NARG1 Polyclonal Antibody

Catalog No :	YT2981
Reactivity :	Human;Mouse
Applications :	WB;IHC;IF;ELISA
Target :	NARG1
Gene Name :	NAA15
Protein Name :	N-alpha-acetyltransferase 15 NatA auxiliary subunit
Human Gene Id :	80155
Human Swiss Prot	Q9BXJ9
No : Mouse Swiss Prot No :	Q80UM3
Immunogen :	The antiserum was produced against synthesized peptide derived from human NARG1. AA range:221-270
Specificity :	NARG1 Polyclonal Antibody detects endogenous levels of NARG1 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity- chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	100kD



Background :	This gene encodes a protein of unknown function. However, similarity to proteins in yeast and other species suggests that this protein may be an N-acetyltransferase. [provided by RefSeq, Jul 2008],
Function :	function:The ARD1A-NARG1 complex displays alpha (N-terminal) acetyltransferase activity that may be important for vascular, hematopoietic and neuronal growth and development. Required to control retinal neovascularization in adult ocular endothelial cells. In complex with G22P1 and XRCC5 (Ku80), up- regulates transcription from the osteocalcin promoter.,PTM:Cleaved by caspases during apoptosis, resulting in a stable 35 kDa fragment.,sequence caution:Contaminating sequence. Potential poly-A sequence.,similarity:Contains 8 TPR repeats.,subcellular location:Mainly cytoplasmic, nuclear in some cases. Present in the free cytosolic and cytoskeleton-bound polysomes, but not in the membrane-bound polysomes.,subunit:Interacts with ARD1A, G22P1, NAT13 and XRCC5.,tissue specificity:Expressed at high levels in testis and in ocular endothelial cells. Also found in brain (corpus callosum), heart, colon
Subcellular Location :	Cytoplasm. Nucleus. Mainly cytoplasmic, nuclear in some cases. Present in the free cytosolic and cytoskeleton-bound polysomes, but not in the membrane-bound polysomes.
Expression :	Expressed at high levels in testis and in ocular endothelial cells. Also found in brain (corpus callosum), heart, colon, bone marrow and at lower levels in most adult tissues, including thyroid, liver, pancreas, mammary and salivary glands, lung, ovary, urogenital system and upper gastrointestinal tract. Overexpressed in gastric cancer, in papillary thyroid carcinomas and in a Burkitt lymphoma cell line (Daudi). Specifically suppressed in abnormal proliferating blood vessels in eyes of patients with proliferative diabetic retinopathy.
Sort :	10579
No4 :	1

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