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NARG1 Polyclonal Antibody

Catalog # AP71164

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q9BXJ9
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	101272

Additional Information

Gene ID	80155
Other Names	NAA15; GA19; NARG1; NATH; TBDN100; N-alpha-acetyltransferase 15; NatA auxiliary subunit; Gastric cancer antigen Ga19; N-terminal acetyltransferase; NMDA receptor-regulated protein 1; Protein tubedown-1; Tbdn100
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

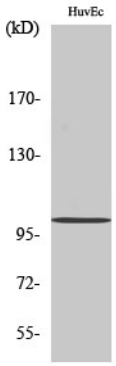
Name	NAA15
Synonyms	GA19, NARG1, NATH, TBDN100
Function	Auxillary subunit of N-terminal acetyltransferase complexes which display alpha (N-terminal) acetyltransferase (NAT) activity (PubMed:15496142, PubMed:20154145, PubMed:29754825, PubMed:32042062). The NAT activity may be important for vascular, hematopoietic and neuronal growth and development (PubMed:15496142). Required to control retinal neovascularization in adult ocular endothelial cells (PubMed:11687548). In complex with XRCC6 and XRCC5 (Ku80), up-regulates transcription from the osteocalcin promoter (PubMed:12145306).
Cellular Location	Cytoplasm. Nucleus. Note=Mainly cytoplasmic, nuclear in some cases. Present in the free cytosolic and cytoskeleton- bound polysomes, but not in the membrane-bound polysomes

Tissue Location	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.

Background

Auxillary subunit of the N-terminal acetyltransferase A (NatA) complex which displays alpha (N-terminal) acetyltransferase activity. The NAT activity may be important for vascular, hematopoietic and neuronal growth and development. Required to control retinal neovascularization in adult ocular endothelial cells. In complex with XRCC6 and XRCC5 (Ku80), up-regulates transcription from the osteocalcin promoter.

Images



Western Blot analysis of various cells using NARG1 Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.