

**NARG1 / NAA15 Antibody (aa221-270)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS16721****Specification**

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**NARG1 / NAA15 Antibody (aa221-270) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IHC, WB                |
| Primary Accession | <a href="#">O9BXJ9</a> |
| Other Accession   | <a href="#">80155</a>  |
| Reactivity        | Human, Mouse           |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Isotype           | IgG                    |
| Calculated MW     | 101272                 |

**NARG1 / NAA15 Antibody (aa221-270) - Additional Information****Gene ID** 80155**Other Names**

NAA15, Ga19, Gastric cancer antigen Ga19, Protein tubedown-1, Tubedown-1, NARG1, TBDN100, N-terminal acetyltransferase, NATH, NMDA receptor regulated 1

**Target/Specificity**

NARG1 Antibody detects endogenous levels of total NARG1 protein.

**Reconstitution & Storage**

PBS (without Mg<sup>2+</sup>, Ca<sup>2+</sup>), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol. Store at -20°C for up to one year.

**Precautions**

NARG1 / NAA15 Antibody (aa221-270) is for research use only and not for use in diagnostic or therapeutic procedures.

**NARG1 / NAA15 Antibody (aa221-270) - 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](http://www.uniprot.org/citations/15496142) target="\_blank">15496142</a>, PubMed: [20154145](http://www.uniprot.org/citations/20154145) target="\_blank">20154145</a>, PubMed: [29754825](http://www.uniprot.org/citations/29754825) target="\_blank">29754825</a>, PubMed: [32042062](http://www.uniprot.org/citations/32042062) target="\_blank">32042062</a>). The NAT activity may be important for vascular, hematopoietic and neuronal growth and development (PubMed: <a

href="http://www.uniprot.org/citations/15496142" target="\_blank">15496142</a>). Required to control retinal neovascularization in adult ocular endothelial cells (PubMed:<a href="http://www.uniprot.org/citations/11687548" target="\_blank">11687548</a>). In complex with XRCC6 and XRCC5 (Ku80), up-regulates transcription from the osteocalcin promoter (PubMed:<a href="http://www.uniprot.org/citations/12145306" target="\_blank">12145306</a>).

#### 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.

#### Volume

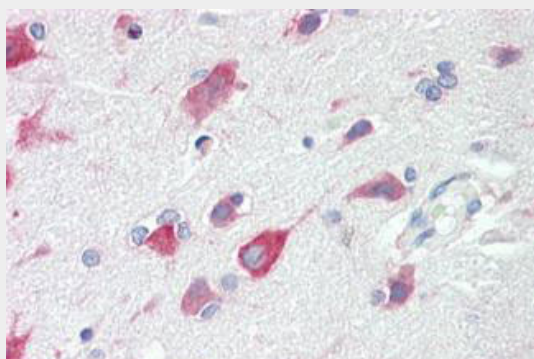
50 µl

#### NARG1 / NAA15 Antibody (aa221-270) - Protocols

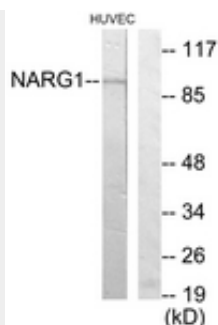
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### NARG1 / NAA15 Antibody (aa221-270) - Images



Anti-NARG1 / NAA15 antibody IHC staining of human brain, cortex.



Western blot of extracts from HUVEC cells, using NARG1 Antibody.

#### **NARG1 / NAA15 Antibody (aa221-270) - 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.

#### **NARG1 / NAA15 Antibody (aa221-270) - References**

Line A., et al. Br. J. Cancer 86:1824-1830(2002).  
Willis D.M., et al. J. Biol. Chem. 277:37280-37291(2002).  
Fluge O., et al. Oncogene 21:5056-5068(2002).  
He Y.G., et al. Sheng Wu Hua Xue Yu Sheng Wu Wu Li Xue Bao 34:353-357(2002).  
Ota T., et al. Nat. Genet. 36:40-45(2004).