

Anti-NARG1 antibody [434C2α] αb60065

[2 References](#) [1 Image](#)

Overview

Product name	Anti-NARG1 antibody [434C2α]
Description	Mouse monoclonal [434C2α] to NARG1
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Recombinant fragment
Immunogen	Recombinant fragment (Human)
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	<p>pH: 7.40</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: PBS, 0.0225% Potassium chloride, 0.03% Potassium phosphate, 0.1312% Sodium phosphate, 0.812% Sodium chloride, 1% BSA</p>
Purity	Protein G purified
Purification notes	Purified using protein G column chromatography, from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.
Clonality	Monoclonal
Clone number	434C2α
Isotype	IgG1

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab60065 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		

Application notes

Dot: Use at an assay dependent dilution.

WB: Use at an assay dependent dilution. Detects a band of approximately 32 kDa for the recombinant protein fragment (predicted molecular weight: 101 kDa for the full length protein).

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

Function

The NAA10-NAA15 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 XRCC6 and XRCC5 (Ku80), up-regulates transcription from the osteocalcin promoter.

Tissue specificity

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.

Sequence similarities

Contains 8 TPR repeats.

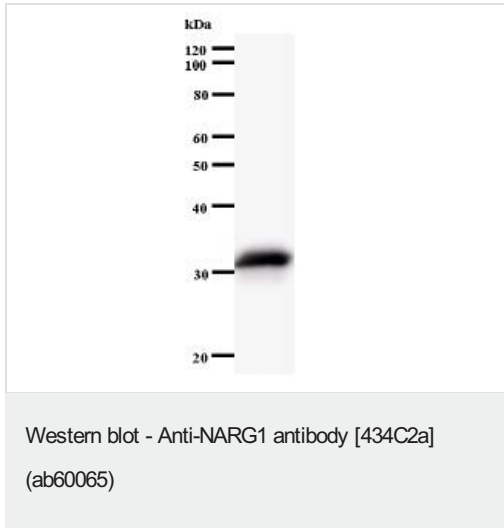
Post-translational modifications

Cleaved by caspases during apoptosis, resulting in a stable 35 kDa fragment.

Cellular localization

Cytoplasm. Nucleus. Mainly cytoplasmic, nuclear in some cases. Present in the free cytosolic and cytoskeleton-bound polysomes, but not in the membrane-bound polysomes.

Images



Western blot analysis of immunized recombinant protein, using
ab60065

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