

Anti-GAS41 antibody [YEATB1A8] ab50963

[1 Abreviews](#) [1 Image](#)

Overview

Product name	Anti-GAS41 antibody [YEATB1A8]
Description	Mouse monoclonal [YEATB1A8] to GAS41
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Recombinant fragment
Immunogen	Recombinant human YEATS4 fragment
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Storage buffer	pH: 7.40 Preservative: 0.05% Sodium azide Constituents: 1% BSA, 0.812% Sodium chloride, 0.0225% Potassium chloride, 0.0204% Dibasic monohydrogen potassium phosphate, 0.1136% Dibasic monohydrogen sodium phosphate, PBS
Purity	Protein G purified
Purification notes	ab50963 was 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	YEATB1A8
Isotype	IgG1

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab50963 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		Use at an assay dependent concentration. Predicted molecular weight: 27 kDa.

Target

Function

Component of the NuA4 histone acetyltransferase (HAT) complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histones H4 and H2A. This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. This complex may be required for the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair. NuA4 may also play a direct role in DNA repair when recruited to sites of DNA damage.

Tissue specificity

Expressed in brain, heart, kidney, liver, lung, pancreas, placenta and skeletal muscle.

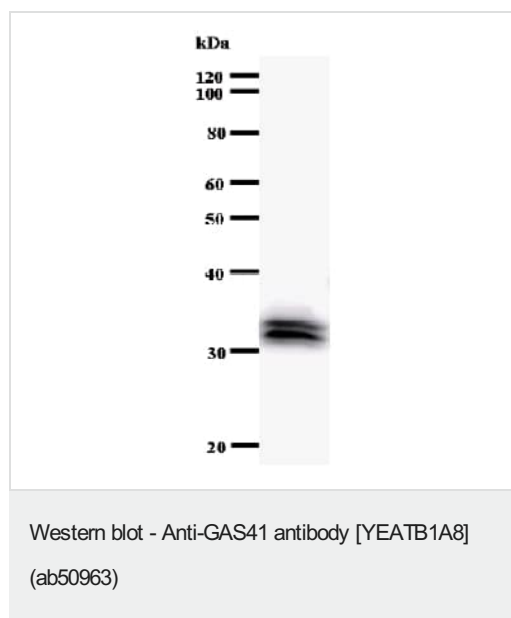
Sequence similarities

Contains 1 YEATS domain.

Cellular localization

Nucleus.

Images



Anti-GAS41 antibody [YEATB1A8] (ab50963) + Immunized recombinant YEATS4

Predicted band size: 27 kDa

Observed band size: 32 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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