


Product datasheet

Anti-GAS41 antibody ab127198

1 Image

Overview

<b>Product name</b>	Anti-GAS41 antibody
<b>Description</b>	Rabbit polyclonal to GAS41
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Sheep, Chicken, Cow, Xenopus laevis, Zebrafish 
<b>Immunogen</b>	Recombinant fragment, corresponding to a region within amino acids 1-163 of Human GAS41
<b>Positive control</b>	A549 whole cell lysate

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab127198** in the following tested applications.

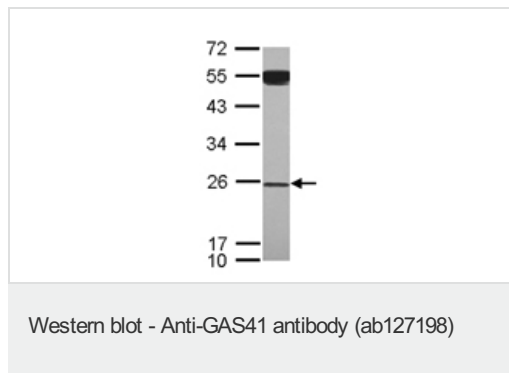
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 27 kDa.

Target

<b>Function</b>	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.
<b>Tissue specificity</b>	Expressed in brain, heart, kidney, liver, lung, pancreas, placenta and skeletal muscle.
<b>Sequence similarities</b>	Contains 1 YEATS domain.
<b>Cellular localization</b>	Nucleus.

**Images**



Anti-GAS41 antibody (ab127198) at 1/1000 dilution + A549 whole cell lysate at 30 µg

**Predicted band size:** 27 kDa

12% SDS-PAGE

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

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