

## Product datasheet

### Anti-NAP1L1 antibody [2609C3a] ab58677

★★★★★ [1 Abreviews](#) [1 Image](#)

#### Overview

<b>Product name</b>	Anti-NAP1L1 antibody [2609C3a]
<b>Description</b>	Mouse monoclonal [2609C3a] to NAP1L1
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Recombinant fragment
<b>Immunogen</b>	Recombinant fragment (Human)
<b>General notes</b>	<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&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	<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>
<b>Purity</b>	Protein G purified
<b>Purification notes</b>	Purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	2609C3a
<b>Isotype</b>	IgG1

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab58677 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)	Use at an assay dependent concentration. Predicted molecular weight: 45 kDa.

## Target

### Function

May be involved in modulating chromatin formation and contribute to regulation of cell proliferation.

### Tissue specificity

Ubiquitously expressed.

### Sequence similarities

Belongs to the nucleosome assembly protein (NAP) family.

### Domain

The acidic domains are probably involved in the interaction with histones.

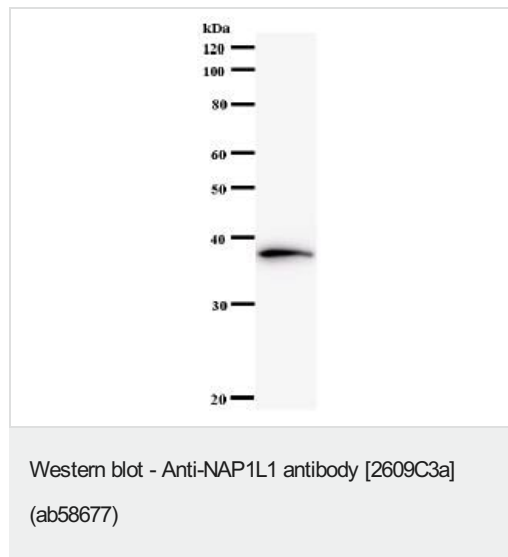
### Post-translational modifications

Polyglutamylated by TTL4, a modification that occurs exclusively on glutamate residues and results in polyglutamate chains on the gamma-carboxyl group. Some residues may also be monoglycylated but not polyglycylated due to the absence of functional TTL10 in human.

### Cellular localization

Nucleus. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

## Images



Anti-NAP1L1 antibody [2609C3a] (ab58677)

**Predicted band size:** 45 kDa

**Observed band size:** 38 kDa

Western blot analysis of immunised recombinant protein

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

## Our Abpromise to you: Quality guaranteed and expert technical support

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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