

Product datasheet

Anti-DNA Ligase I antibody ab123699

1 Image

Overview

<b>Product name</b>	Anti-DNA Ligase I antibody
<b>Description</b>	Rabbit polyclonal to DNA Ligase I
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide conjugated to KLH, corresponding to a region within N terminal amino acids 1-30 of Human DNA Ligase I (NP_000225.1, P18858)
<b>Positive control</b>	CEM cell line lysates

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at 4°C (up to 6 months). Store at -20°C long term.
<b>Storage buffer</b>	Preservative: 0.09% Sodium azide Constituent: 99% PBS
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab123699 was purified through a protein A column, followed by peptide affinity purification.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab123699** 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		1/100 - 1/500. Predicted molecular weight: 102 kDa.

Target

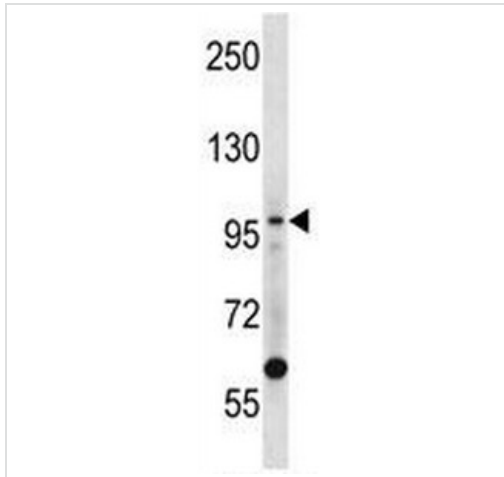
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<b>Function</b>	DNA ligase that seals nicks in double-stranded DNA during DNA replication, DNA recombination and DNA repair.
<b>Sequence similarities</b>	Belongs to the ATP-dependent DNA ligase family.
<b>Cellular localization</b>	Nucleus.

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## Images

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Anti-DNA Ligase I antibody (ab123699) at  
1/100 dilution + CEM cell line lysates at 35 µg

**Predicted band size:** 102 kDa

Western blot - Anti-DNA Ligase I antibody  
(ab123699)

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**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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