

## Product datasheet

# Anti-LDHD antibody ab87741

1 Image

### Overview

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<b>Product name</b>	Anti-LDHD antibody
<b>Description</b>	Rabbit polyclonal to LDHD
<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, Rabbit, Horse, Cow, Cat, Dog
<b>Immunogen</b>	Synthetic peptide corresponding to a region within internal amino acids 432 - 481 (LVNPDDAEELGRVKAFAEQLGRRALALHGTCTGEHGIGMGKRQLLQEEVG) of Human LDHD (NP_705690) <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>Positive control</b>	Fetal heart lysate

### Properties

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<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>	Preservative: None Constituents: 2% Sucrose, PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

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Our [Abpromise guarantee](#) covers the use of **ab87741** in the following tested applications.

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

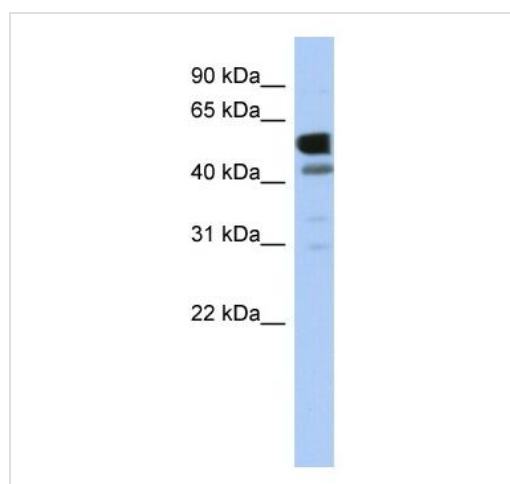
Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 55 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

## Target

**Relevance** LDHD belongs to the D-isomer specific 2-hydroxyacid dehydrogenase family. D-lactate and D-glycerate dehydrogenase activities have been found in a similar protein in yeast. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified.

**Cellular localization** Mitochondrial

## Images



Western blot - LDHD antibody (ab87741)

Anti-LDHD antibody (ab87741) at 1 µg/ml (in 5% skim milk / PBS buffer) + Human fetal heart lysate at 10 µg

### Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

**Predicted band size:** 55 kDa

Gel concentration: 12%

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

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