

Product datasheet

Anti-LDHD antibody ab87741

1 Image

Overview

Product name	Anti-LDHD antibody
Description	Rabbit polyclonal to LDHD
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Rabbit, Horse, Cow, Cat, Dog
Immunogen	Synthetic peptide corresponding to a region within internal amino acids 432 - 481 (LVNPDDAEELGRVKAFAEQLGRRALALHGTCTGEHGI GMGKRQLLQEEVG) of Human LDHD (NP_705690) <div style="display: flex; justify-content: space-around;"> Run BLAST with Run BLAST with </div>
Positive control	Fetal heart lysate

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: 0.09% Sodium azide Constituents: PBS, 2% Sucrose
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

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.

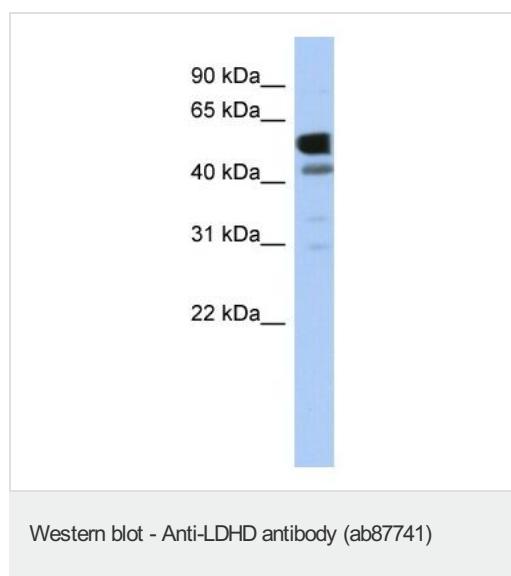
Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 55 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

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



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%

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