

Datasheet for ABIN2786036

**anti-DHDH antibody (Middle Region)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	DHDH
Binding Specificity:	Middle Region
Reactivity:	Human, Cow, Dog, Horse, Pig, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DHDH antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human DHDH
Sequence:	PCWCPTELVV KGEHKEFPLP PVPKDCNFDN GAGMSYEAKH VWECLRKG MK
Predicted Reactivity:	Cow: 92%, Dog: 92%, Horse: 92%, Human: 100%, Pig: 85%, Yeast: 90%
Characteristics:	This is a rabbit polyclonal antibody against DHDH. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	DHDH
Alternative Name:	DHDH ( <a href="#">DHDH Products</a> )

## Target Details

Background:	<p>DHDH is an enzyme that belongs to the family of dihydrodiol dehydrogenases, which exist in multiple forms in mammalian tissues and are involved in the metabolism of xenobiotics and sugars. These enzymes catalyze the NADP1-linked oxidation of transdihydrodiols of aromatic hydrocarbons to corresponding catechols. This enzyme is a dimeric dihydrodiol dehydrogenase, and it differs from monomeric dihydrodiol dehydrogenases in its high substrate specificity for trans-dihydrodiols of aromatic hydrocarbons in the oxidative direction. This gene encodes an enzyme that belongs to the family of dihydrodiol dehydrogenases, which exist in multiple forms in mammalian tissues and are involved in the metabolism of xenobiotics and sugars. These enzymes catalyze the NADP1-linked oxidation of transdihydrodiols of aromatic hydrocarbons to corresponding catechols. This enzyme is a dimeric dihydrodiol dehydrogenase, and it differs from monomeric dihydrodiol dehydrogenases in its high substrate specificity for trans-dihydrodiols of aromatic hydrocarbons in the oxidative direction.</p> <p>Alias Symbols: HUM2DD, 2DD</p> <p>Protein Size: 334</p>
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Molecular Weight:	36 kDa
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Gene ID:	27294
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NCBI Accession:	<a href="#">NM_014475</a> , <a href="#">NP_055290</a>
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UniProt:	<a href="#">Q9UQ10</a>
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## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 334 AA
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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Concentration:	Lot specific
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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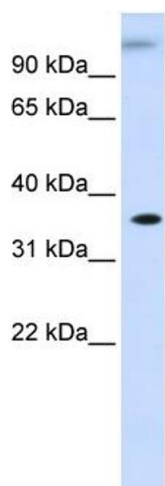
Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
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Handling

	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

**Image 1. WB Suggested Anti-DHDH Antibody Titration:**  
0.2-1 ug/ml  
**ELISA Titer:** 1:1562500  
**Positive Control:** Human Liver