

Datasheet for ABIN2559590
anti-DHDH antibody (AA 281-334)

3 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	DHDH
Binding Specificity:	AA 281-334
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DHDH antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DHDH
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	DHDH
---------	------

Target Details

Alternative Name:	DHDH (DHDH Products)
Background:	<p>Synonyms: 2DD, HUM2DD, Trans-1,2-dihydrobenzene-1,2-diol dehydrogenase, D-xylose 1-dehydrogenase, D-xylose-NADP dehydrogenase, Dimeric dihydrodiol dehydrogenase, DHDH</p> <p>Background: 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. [provided by RefSeq, Jul 2008]</p>
Gene ID:	27294
UniProt:	Q9UQ10

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

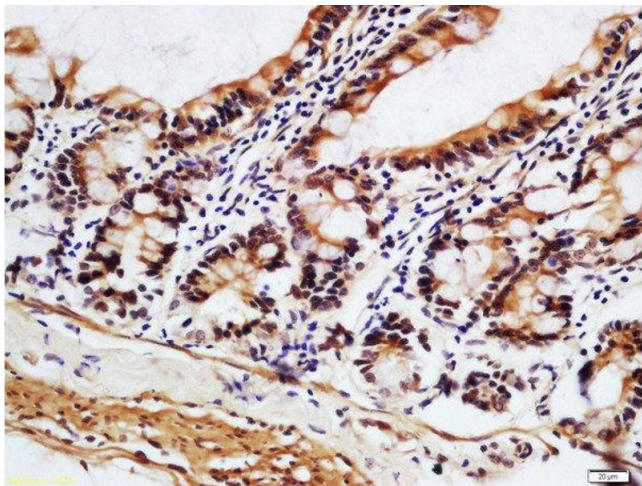
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

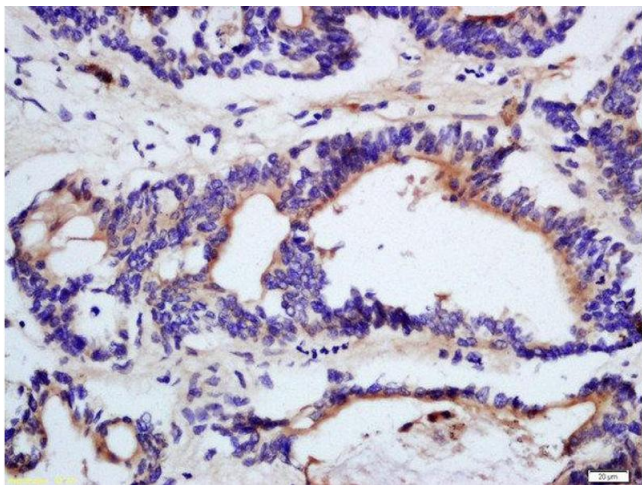
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



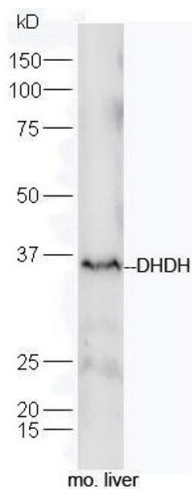
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin embedded mouse small intestine labeled with Anti-DHDH Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin embedded human colon cancer tissue labeled with Rabbit Anti-DHDH Polyclonal Antibody, Unconjugated (ABIN2559590) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Western Blotting

Image 3. Mouse liver lysates probed with Rabbit Anti-DHDH Polyclonal Antibody, Unconjugated (ABIN2559590) at 1:300 overnight at 4°C. Followed by a conjugated secondary antibody at 1:5000 for 90 min at 37°C.