

Rabbit Anti-DHDH antibody

SL14302R

Product Name DHDH

Chinese Name 2-二醇脱氢酶抗体

Alias 2-dihydrobenzene-1; 2-diol dehydrogenase; 2DD; 3 deoxyglucosone reductase; D xylose 1 dehydrogenase; D xylose NADP dehydrogenase; D-xylose 1-dehydrogenase; D-xylose-NADP dehydrogenase; DHDH; DHDH_HUMAN; dihydrodiol dehydrogenase (dimeric); Dimeric dihydrodiol dehydrogenase; HUM2DD; Trans-1.

Research Area Tumour Cell biology Signal transduction The new supersedes the old

Immunogen Species Rabbit

Clonality Polyclonal

React Species Mouse, (predicted: Human, Rat, Dog, Pig, Horse, Rabbit,)
WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 (Paraffin sections

Applications need antigen repair)
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight 36kDa

Cellular localization The nucleus cytoplasmic Extracellular matrix

Form Liquid

Concentration 1mg/ml

immunogen KLH conjugated synthetic peptide derived from human DHDH: 281-334/334

Lsotype IgG

Purification affinity purified by Protein A

Buffer Solution 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

Storage Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Attention This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



PubMed

[PubMed](#)

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]

Tissue Specificity:

Small intestine.

Similarity:

Belongs to the Gfo/Idh/MocA family.

**Product
Detail**

SWISS:

Q9UQ10

Gene ID:

27294

Database links:

[Entrez Gene: 27294](#) Human

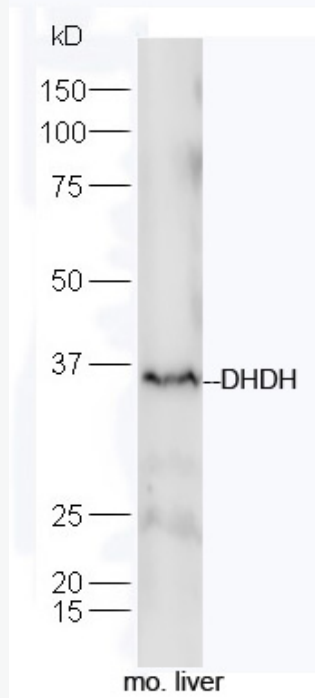
[GenBank: NM_014475.2](#) Human

[Omim: 606377](#) Human

[SwissProt: Q9UQ10](#) Human

[Unigene: 631555](#) Human

**Product
Picture**



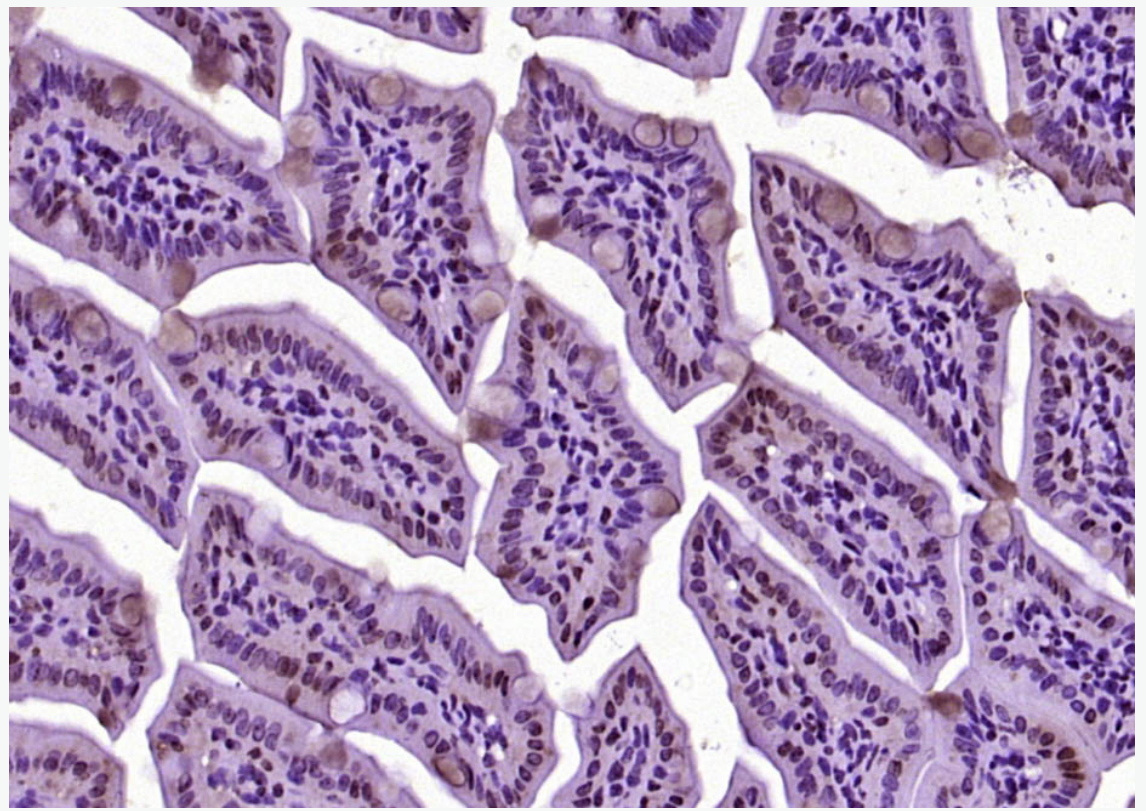
Protein: liver(mouse) lysate at 30ug;

Primary: rabbit Anti-DHDH (SL14302R) at 1:300;

Secondary: HRP conjugated Goat-Anti-rabbit IgG(SL0295G-HRP) at 1: 5000;

Predicted band size: 36 kD

Observed band size: 36 kD



Paraformaldehyde-fixed, paraffin embedded (mouse intestine tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DHDH) Polyclonal Antibody, Unconjugated (SL14302R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.