Datasheet for ABIN6998913

anti-Tdh antibody (AA 1-229)

5 Images

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Overview

Quantity:	200 µL
Target:	Tdh
Binding Specificity:	AA 1-229
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tdh antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunoprecipitation (IP), Western Blotting (WB), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to L-Threonine Dehydrogenase (TDH)
Immunogen:	Recombinant L-Threonine Dehydrogenase (TDH) corresdonding to Met1~Cys229 with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against TDH. It has been selected for its ability to recognize TDH in immunohistochemical staining and western blotting.
Cross-Reactivity:	Chicken, Dog, Horse, Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

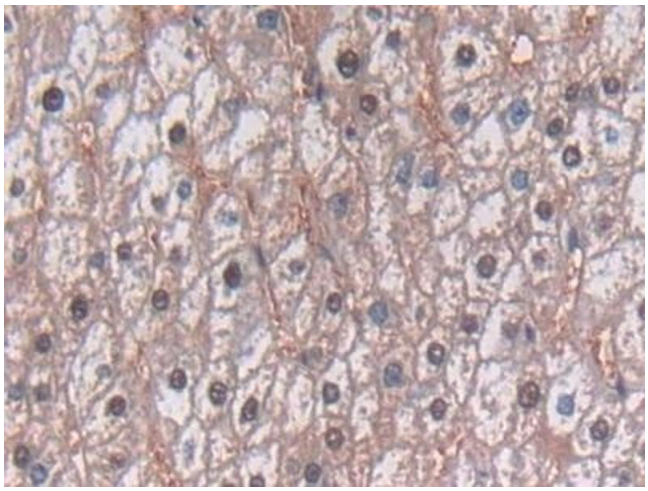
Target:	Tdh
Alternative Name:	L-Threonine Dehydrogenase (Tdh Products)
Background:	SDR14E1P, Short Chain Dehydrogenase/Reductase Family 14E,Member 1, Inactive L-threonine 3-dehydrogenase, mitochondrial

Application Details

Application Notes:	Western blotting: 0.5-3 µg/mL Immunohistochemistry: 5-30 µg/mL Immunocytochemistry: 5-30 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

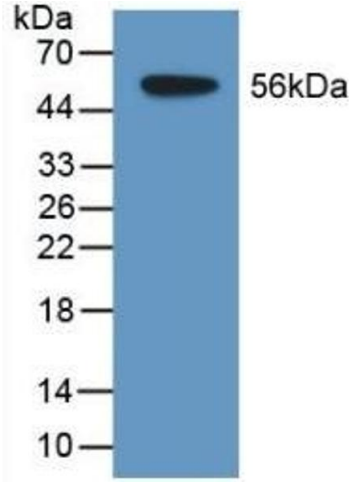
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



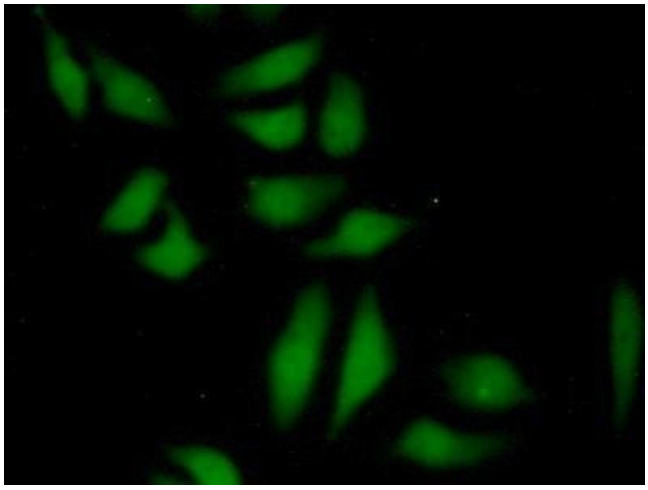
Immunohistochemistry

Image 1. Detection of TDH in Human Liver Tissue using Polyclonal Antibody to L-Threonine Dehydrogenase (TDH)



Western Blotting

Image 2. Detection of Recombinant TDH, Human using Polyclonal Antibody to L-Threonine Dehydrogenase (TDH)



Immunofluorescence

Image 3. Detection of TDH in Human HepG2 cell using Polyclonal Antibody to L-Threonine Dehydrogenase (TDH)

Please check the product details page for more images. Overall 5 images are available for ABIN6998913.