

Datasheet for ABIN7435052  
**anti-XDH antibody (AA 231-416)**

## 6 Images

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## Overview

Quantity:	100 µL
Target:	XDH
Binding Specificity:	AA 231-416
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This XDH antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Xanthine Dehydrogenase (XDH)
Immunogen:	Recombinant Xanthine Dehydrogenase (XDH) corresponding to Phe231~Lys416
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against XDH. It has been selected for its ability to recognize XDH in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

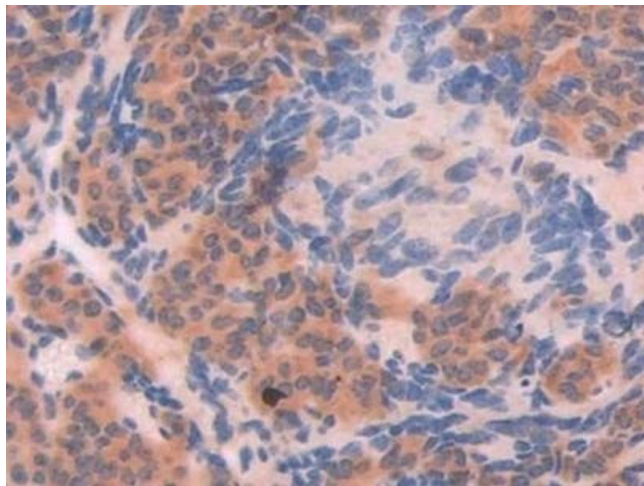
Target:	XDH
Alternative Name:	Xanthine Dehydrogenase ( <a href="#">XDH Products</a> )
Background:	XO, XOR, XOD, Xanthine Oxidase, NAD <sup>+</sup> -Xanthine Dehydrogenase, Xanthine-NAD <sup>+</sup> Oxidoreductase, Xanthine/NAD <sup>+</sup> Oxidoreductase, Xanthine Oxidoreductase
Pathways:	<a href="#">Positive Regulation of Endopeptidase Activity</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 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

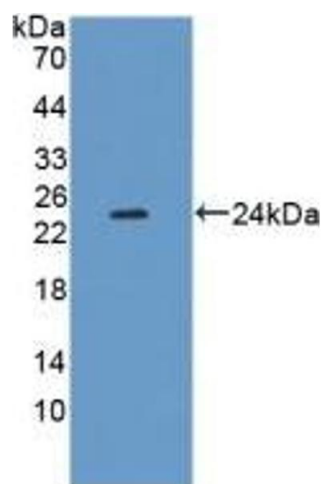
## Handling

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



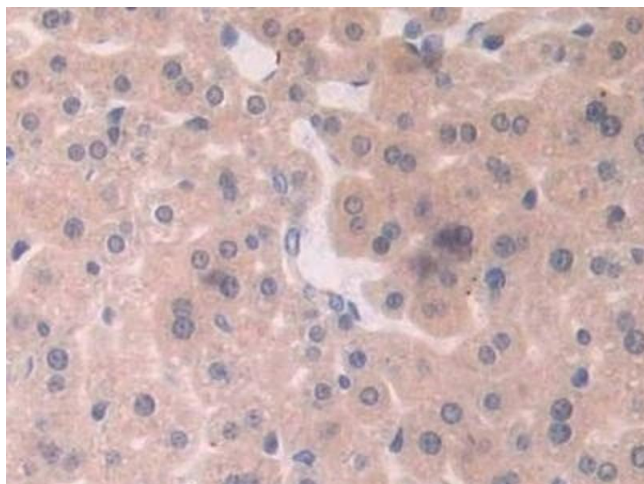
#### Immunohistochemistry

**Image 1.** Detection of XDH in Mouse Ovary Tissue using Polyclonal Antibody to Xanthine Dehydrogenase (XDH)



#### Western Blotting

**Image 2.** Detection of Recombinant XDH, Mouse using Polyclonal Antibody to Xanthine Dehydrogenase (XDH)



#### Immunohistochemistry

**Image 3.** Detection of XDH in Mouse Liver Tissue using Polyclonal Antibody to Xanthine Dehydrogenase (XDH)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7435052.