

Datasheet for ABIN7435046
anti-XDH antibody (AA 2-219)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	XDH
Binding Specificity:	AA 2-219
Reactivity:	Cow
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 Thr2~Leu219
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, Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

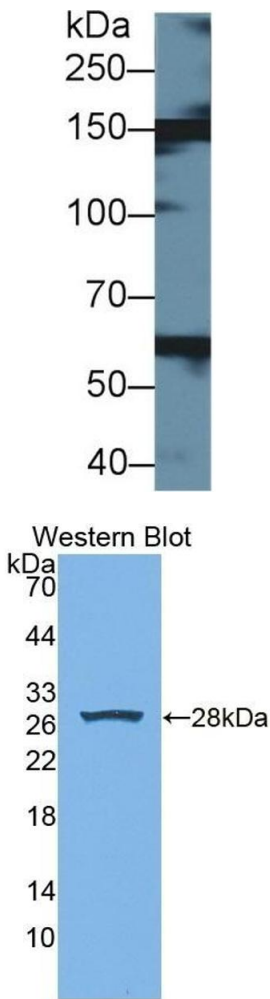
Target:	XDH
Alternative Name:	Xanthine Dehydrogenase (XDH Products)
Background:	XO, XOR, XOD, Xanthine Oxidase, NAD ⁺ -Xanthine Dehydrogenase, Xanthine-NAD ⁺ Oxidoreductase, Xanthine/NAD ⁺ Oxidoreductase, Xanthine Oxidoreductase
Pathways:	Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 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:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: 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



Western Blotting

Image 1. Detection of XDH in Bovine Liver lysate using Polyclonal Antibody to Xanthine Dehydrogenase (XDH)

Western Blotting

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