# antibodies -online.com





# anti-IDH1 antibody (AA 74-333)

10 Images



# Overview

Quantity:	100 μL
Target:	IDH1
Binding Specificity:	AA 74-333
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IDH1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

# **Product Details**

Purpose:	Polyclonal Antibody to Isocitrate Dehydrogenase 1, Soluble (IDH1)
Immunogen:	Recombinant Isocitrate Dehydrogenase 1, Soluble (IDH1) corresdonding to Ala74~Ile333 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against IDH1. It has been selected for its ability to recognize IDH1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

# **Target Details**

Target:	IDH1
Alternative Name:	Isocitrate Dehydrogenase 1, Soluble (IDH1 Products)
Background:	PICD, IDP, Oxalosuccinate decarboxylase, NADP(+)-specific ICDH, Cytosolic NADP-isocitrate dehydrogenase
Pathways:	Warburg Effect

# 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	

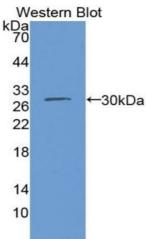
### Handling

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



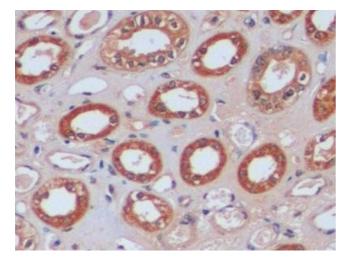
# **Western Blotting**

**Image 1.** Detection of IDH1 in Human HepG2 cell lysate using Polyclonal Antibody to Isocitrate Dehydrogenase 1, Soluble (IDH1)



### **Western Blotting**

**Image 2.** Detection of Recombinant IDH1, Human using Polyclonal Antibody to Isocitrate Dehydrogenase 1, Soluble (IDH1)



# **Immunohistochemistry**

Image 3. Detection of IDH1 in Human Kidney Tissue using Polyclonal Antibody to Isocitrate Dehydrogenase 1, Soluble (IDH1)

Please check the product details page for more images. Overall 10 images are available for ABIN7436579.