

Datasheet for ABIN7307898
anti-IDH1 antibody



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3 Images

Overview

Quantity:	100 µL
Target:	IDH1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IDH1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunofluorescence (IF), Chromatin Immunoprecipitation (ChIP), Immunochromatography (IC)

Product Details

Purpose:	Rabbit polyclonal antibody to IDH1
Immunogen:	Recombinant full length protein of human IDH1
Specificity:	Recognizes endogenous levels of IDH1 protein.
Characteristics:	Rabbit polyclonal antibody to IDH1
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	IDH1
Alternative Name:	IDH1 (IDH1 Products)

Target Details

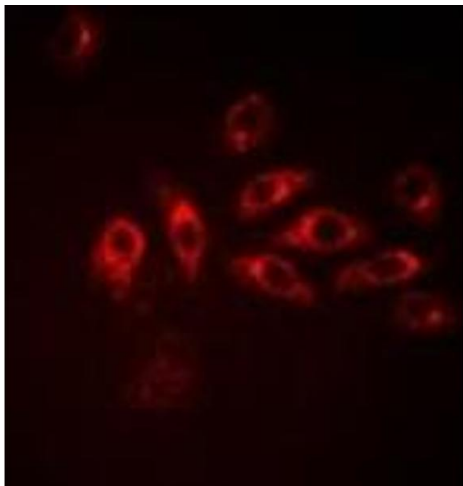
Background:	PICD, Isocitrate dehydrogenase [NADP] cytoplasmic, IDH, Cytosolic NADP-isocitrate dehydrogenase, IDP, NADP(+)-specific ICDH, Oxalosuccinate decarboxylase
Gene ID:	3417, 15926, 24479
UniProt:	O75874 , O88844 , P41562
Pathways:	Warburg Effect

Application Details

Application Notes:	WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:200), IP (1:50 - 1:200), ChIP (1:20 - 1:100)
Restrictions:	For Research Use only

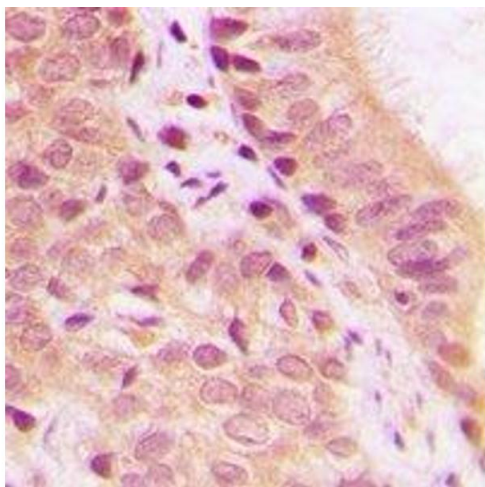
Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
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:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months



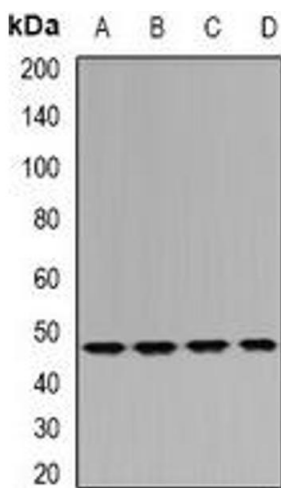
Immunofluorescence

Image 1. Immunofluorescent analysis of IDH1 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody i



Immunohistochemistry

Image 2. Immunohistochemical analysis of IDH1 staining in human colon cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with



Western Blotting

Image 3. Western blot analysis of IDH1 expression in A549 (A), Raji (B), mouse kidney (C), mouse liver (D) whole cell lysates.