## .-online.com antibodies

Datasheet for ABIN2854335 anti-ODC1 antibody

1 Image

1 Publication



## Overview

Quantity:	100 µL
Target:	ODC1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ODC1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	Recombinant protein encompassing a sequence within the center region of human ODC. The exact sequence is proprietary.
lsotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit polyclonal antibody to ODC (ornithine decarboxylase 1) ODC antibody [N3C3]
Purification:	Purified by antigen-affinity chromatography.
Target Details	
Target:	ODC1
Alternative Name:	ornithine decarboxylase 1 (ODC1 Products)

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Target Details	
Background:	This gene encodes the rate-limiting enzyme of the polyamine biosynthesis pathway which catalyzes ornithine to putrescine. The activity level for the enzyme varies in response to growth-promoting stimuli and exhibits a high turnover rate in comparison to other mammalian proteins. Originally localized to both chromosomes 2 and 7, the gene encoding this enzyme has been determined to be located on 2p25, with a pseudogene located on 7q31-qter.
Molecular Weight:	51 kDa
Gene ID:	4953
UniProt:	P11926
Application Details	
Application Notes:	WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: HepG2 Validation: Orthogonal
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1.19 mg/mL
Buffer:	1XPBS pH 7, 20 % Glycerol, 0.025 % ProClin 300
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 as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Publications	
Product cited in:	Wolczyk, Zaremba-Czogalla, Hryniewicz-Jankowska, Tabola, Grabowski, Sikorski, Augoff: "TNF-

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## Images



## Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A: Molt-4 , 10% SDS PAGE antibody diluted at 1:1000