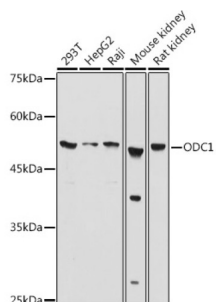
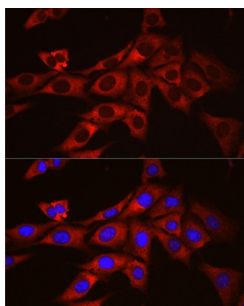


Ornithine Decarboxylase (ODC1) Antibody

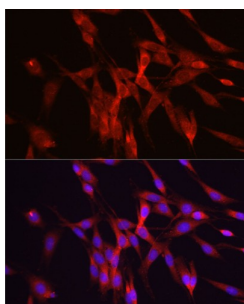
Catalogue No.: abx001591



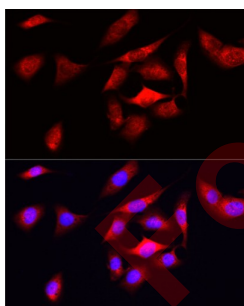
Western blot analysis of extracts of various cell lines using ODC1 Antibody (1/1000 dilution).



Immunofluorescence analysis of NIH/3T3 cells using ODC1 Antibody (1/100 dilution, 40x lens).
Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using ODC1 antibody (1/50 dilution, 40x lens).
Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using ODC1 antibody (1/50 dilution, 40x lens).
Blue: DAPI for nuclear staining.

ODC1 Antibody is a Rabbit Polyclonal antibody against ODC1. Ornithine decarboxylase (ODC) is also named as ODC1 and belongs to the Orn/Lys/Arg decarboxylase class-II family. It catalyzes the conversion of ornithine to putrescine, the first step and a major site of regulation of polyamine biosynthesis. The level of ODC is known to be controlled at several sites, namely transcription, translation, and enzyme degradation. Polyamines can stimulate the degradation of ODC as a type of negative feedback control (PMID:8486633). This protein can be phosphorylated in vivo (PMID:8798774). This antibody is specific to ODC1.

Target:

Ornithine Decarboxylase (ODC1)

Datasheet

Version: 4.0.0
Revision date: 25 May 2025



Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	WB, IF/ICC
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human ODC1
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P11926 (UniProt , ExPASy)
Gene Symbol:	ODC1
GeneID:	4953
NCBI Accession:	NP_002530.1
KEGG:	hsa:4953
String:	9606.ENSP00000234111
Molecular Weight:	Calculated MW: 51 kDa Observed MW: 51 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.