

Rabbit anti-Human Ornithine decarboxylase Polyclonal Antibody | anti-ODC1 antibody

Rabbit anti-human Ornithine decarboxylase polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA229115	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

Ornithine decarboxylase; Polyclonal Antibody; Rabbit anti-human Ornithine decarboxylase polyclonal Antibody; ODC; ODC1; anti-ODC1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	461
Applicable Applications for anti-ODC1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Ornithine decarboxylase protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-21515 / sc-34181 / sc-21516 / sc-33539
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunofluorescent analysis of HepG2 cells using AAA229115 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colorectal carcinoma using AAA229115 at dilution of 1:50



WB (Western Blot)

Western blotAll lanes: Ornithine decarboxylase antibody at 2ug/mlLane 1: EC109 whole cell lysateLane 2: 293T whole cell lysateSecondaryGoat polyclonal to Rabbit IgG at 1/15000 dilutionPredicted band size: 51 kDaObserved band size: 51 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ODC1 antibody	L-ornithine = putrescine + CO2. Inhibited by S-nitrosylation 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.
Product Categories/Family for anti-ODC1 antibody	Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	563580287
NCBI GeneID	4953
NCBI Accession #	NP_001274118.1
NCBI GenBank Nucleotide #	NM_001287189.1
UniProt Accession #	P11926; Q53TU3; Q6LDS9
Molecular Weight	51,148 Da
NCBI Official Full Name	ornithine decarboxylase isoform 1
NCBI Official Synonym Full Names	ornithine decarboxylase 1
NCBI Official Symbol	ODC1
NCBI Official Synonym Symbols	ODC
NCBI Protein Information	ornithine decarboxylase
UniProt Protein Name	Ornithine decarboxylase
UniProt Gene Name	ODC1
UniProt Synonym Gene Names	ODC
UniProt Entry Name	DCOR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ornithine-decarboxylase-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/229115>