

Rabbit Ornithine Decarboxylase-1 (ODC-1) Antibody | anti-ODC-1 antibody

Ornithine Decarboxylase-1 (ODC-1)

CATALOG # AAA215119	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
-------------------------------	-----------------------	--	---

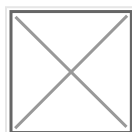
PRODUCT SYNONYMS

Ornithine Decarboxylase-1 (ODC-1); Ornithine decarboxylase structural 1; RNODC; anti-ODC-1 antibody

PRODUCT SPECIFICATIONS

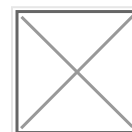
Host	Rabbit
Reactivity	Human, Mouse, Rat
Isotype	IgG
Clone Number	ODC1/3636R
Specificity	Recognizes a 53kDa protein, identified as the Ornithine Decarboxylase (ODC-1). ODC is the initial and rate-limiting enzyme in the biosynthetic pathway of polyamines and is involved in the conversion of ornithine to putrescine. The biological activity of ODC-1 is rapidly induced in response to virtually all agents known to promote cell proliferation including hormones, drugs, growth factors, mitogens, and tumor promoters. Reportedly, ODC mRNA levels are elevated in lung carcinomas as well as in colon adenomas and carcinomas. ODC activity in colorectal carcinomas is greater than those in adenomas and normal mucosa.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	461
Applicable Applications for anti-ODC-1 antibody	IHC (Immunohistochemistry)
Positive Control	Human placenta or prostate carcinoma tissue (IHC).
Immunogen	Recombinant full-length human ODC-1 protein
Cellular Localization	Cytoplasmic
Hu-chromosome Location	2p25.1
Antibody Type	Recombinant Rabbit Monoclonal Antibody
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C. Non-hazardous. No MSDS required.

IMAGES



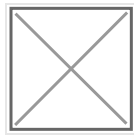
WB (Western Blot)

Western Blot Analysis of PC3 cell lysate using ODC-1 Recombinant Rabbit Monoclonal Antibody (ODC1/3636R).



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human prostate carcinoma stained with ODC-1 Recombinant Rabbit Monoclonal Antibody (ODC1/3636R).



SDS-PAGE

SDS-PAGE Analysis Purified ODC-1 Recombinant Rabbit Monoclonal Antibody (ODC1/3636R). Confirmation of Purity and Integrity of Antibody.

ADDITIONAL INFORMATION

References	Schipper RG; et al. Journal of Immunological Methods, 1993, 161(2):205-15.
------------	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505489
NCBI GeneID	4953
NCBI Accession #	NP_002530.1
NCBI GenBank Nucleotide #	NP_002530.1
UniProt Accession #	P11926
Molecular Weight	53kDa
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rabbit-human-mouse-rat-antibody/ornithine-decarboxylase-1-odc-1/215119>