

ODC1 / Ornithine Decarboxylase Antibody
Rabbit Polyclonal Antibody
Catalog # ALS16182**Specification**

ODC1 / Ornithine Decarboxylase Antibody - Product Information

Application	IHC
Primary Accession	P11926
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51kDa KDa

ODC1 / Ornithine Decarboxylase Antibody - Additional Information**Gene ID** 4953**Other Names**

Ornithine decarboxylase, ODC, 4.1.1.17, ODC1

Target/Specificity

Human ODC1 / Ornithine Decarboxylase

Reconstitution & Storage

Aliquot and store at -20°C or -80°C. Avoid freeze-thaw cycles.

Precautions

ODC1 / Ornithine Decarboxylase Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

ODC1 / Ornithine Decarboxylase Antibody - Protein Information**Name** ODC1**Function**

Catalyzes the first and rate-limiting step of polyamine biosynthesis that converts ornithine into putrescine, which is the precursor for the polyamines, spermidine and spermine. Polyamines are essential for cell proliferation and are implicated in cellular processes, ranging from DNA replication to apoptosis.

Volume

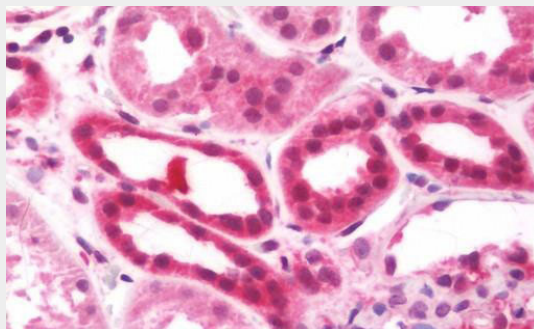
50 µl

ODC1 / Ornithine Decarboxylase Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ODC1 / Ornithine Decarboxylase Antibody - Images



Anti-ODC1 / Ornithine Decarboxylase antibody IHC staining of human kidney.

ODC1 / Ornithine Decarboxylase Antibody - Background

Key enzyme of polyamine biosynthesis that converts ornithine into putrescine, which is the precursor for the polyamines, spermidine and spermine.

ODC1 / Ornithine Decarboxylase Antibody - References

- Hickok N.J.,et al.DNA 6:179-187(1987).
Jaenne O.A.,et al.Submitted (APR-2003) to the EMBL/GenBank/DDBJ databases.
Fitzgerald M.C.,et al.DNA 8:623-634(1989).
van Steeg H.,et al.Nucleic Acids Res. 17:8855-8856(1989).
Hickok N.J.,et al.Gene 93:257-263(1990).