

ODC1

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 51kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human ODC1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

ODC

Catalog #: A1948

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 4953

Isotype: IgG

Swiss Prot: P11926

Purity: Affinity purification

For research use only.

Background:

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.

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