

## 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.

**To place an order, please [Click HERE](#).**