Product datasheet

anti-Ornithine Decarboxylase rabbit polyclonal, serum

Short overview

Cat. No.	16061
Quantity	50 µl (lyoph.)

Product description

Host	Rabbit
Antibody Type	Polyclonal
Immunogen	Recombinant human ornithine decarboxylase produced in E. coli
Formulation	Lyophilized; reconstitute in 100 µl dist. water
UniprotID	P11926 (Human), P00860 (Mouse), P09057 (Rat)
Synomym	Ornithine decarboxylase, ODC, EC 4.1.1.17, ODC1
Conjugate	Unconjugated
Purification	Undiluted antiserum
Storage before reconstitution	2-8°C until indicated expiry date
Storage after reconstitution	Up to 3 months at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
Intended use	Research use only
Application	IHC
Reactivity	Human, Mouse, Rat

Applications

Immunohistochemistry (IHC) - frozen	1:300-1:500

Background

Ornithine decarboxylase is the rate-limiting enzyme in polyamine biosynthesis converting ornithine into putrescine. In normal tissue ornithine decarboxylase activity is low but increases in proliferating tissue. Absorption with 10-100 ug immunogen per ml diluted antiserum abolishes staining.

Positive control: Stefanini-fixed frozen sections of renal cortex from testosterone-treated mice.

Product images



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