

Product Name: ODC1 (3C13) Rabbit Monoclonal Antibody
Catalog #: AMRe15109

Summary

Production Name	ODC1 (3C13) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	ODC1
Alternative Names	Dodc1; ODC; Odc1; ODC2; RNODC;
Gene ID	4953.0
SwissProt ID	P11926.

Application

Dilution Ratio	WB 1:500-1:2000
Molecular Weight	51kDa

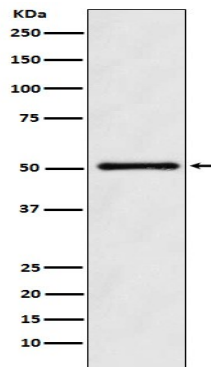
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Background

Amine and polyamine biosynthesis; putrescine biosynthesis via L-ornithine pathway; putrescine from L-ornithine: step 1/1. 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.

Research Area

Image Data



Western blot analysis of ODC1 expression in K562 cell lysate.

Note

For research use only.