

DATASHEET

Ornithine Decarboxylase Rabbit Polyclonal Antibody

CAT. NO. APA13591

KEY FEATURES

Target	Ornithine Decarboxylase	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

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.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

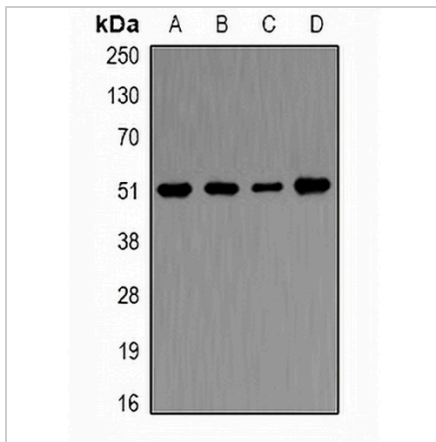
Description	Rabbit polyclonal antibody to Ornithine Decarboxylase
Specificity	Recognizes endogenous levels of Ornithine Decarboxylase protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human Ornithine Decarboxylase
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 51 kD; Observed: 51 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Ornithine decarboxylase; ODC
Gene Symbol	ODC1
Entrez Gene	4953(Human); 18263(Mouse); 24609(Rat)
SwissProt	P11926(Human); P00860(Mouse); P09057(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of Ornithine Decarboxylase expression in HeLa (A), THP1 (B), mouse kidney (C), mouse skeletal muscle (D) whole cell lysates. (Predicted band size: 51 kD; Observed band size: 51 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.