

Product datasheet for TA335566

OAZ3 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WE

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for Anti-OAZ3 Antibody: synthetic peptide directed towards the middle

region of human OAZ3. Synthetic peptide located within the following region:

DRRLFLDIPYQALDQGNRESLTATLEYVEEKTNVDSVFVNFQNDRNDRGA

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Purification: Affinity Purified

Conjugation: Unconjugated

Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 21 kDa

Gene Name: ornithine decarboxylase antizyme 3

Database Link: NP 057262

Entrez Gene 51686 Human

Q9UMX2



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OAZ3 Rabbit Polyclonal Antibody - TA335566

Background:

Ornithine decarboxylase catalyzes the conversion of ornithine to putrescine in the first and apparently rate-limiting step in polyamine biosynthesis. The ornithine decarboxylase antizymes play a role in the regulation of polyamine synthesis by binding to and inhibiting ornithine decarboxylase. Antizyme expression is auto-regulated by polyamine-enhanced translational frameshifting. In contrast to antizymes 1 and 2, which are widely expressed throughout the body, the expression of this gene product (antizyme 3) is restricted to testis germ cells, and thus it is a possible candidate for heritable forms of human male infertility. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

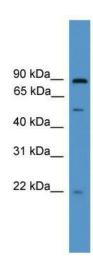
Synonyms:

AZ3; OAZ-t; TISP15

Note:

Immunogen Sequence Homology: Human: 100%; Mouse: 100%; Dog: 93%; Pig: 93%; Rat: 93%; Horse: 93%; Rabbit: 93%; Bovine: 86%; Guinea pig: 86%

Product images:



WB Suggested Anti-OAZ3 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive Control: 293T cell lysate