

Product datasheet for **TA335566**

OAZ3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
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: DRRLFLDIPYQALDQGNRESLTATLEYVEEKTNVDSVFNQNDNRDRGA
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	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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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