

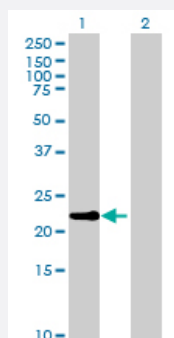
MaxPab®

OAZ3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00051686-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of OAZ3 expression in transfected 293T cell line ([H00051686-T01](#)) by OAZ3 MaxPab polyclonal antibody.

Lane 1: OAZ3 transfected lysate(20.9 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human OAZ3 protein.
Immunogen	OAZ3 (AAH73949.1, 1 a.a. ~ 190 a.a) full-length human protein.
Sequence	MTVPWRPGKRRITYKEEEDLTLPASSAPESLVGLQEGKSTEQGNHDQLKELYSAGNLTVLAT DPLLHQDPVQLDFHFRLLTSQTSAAHWHGLLCDRRLFLDIPYQALDQGNRESLTATLEYVEEKTNVD SVFVNFQNDNRNDRGALLRAFSYMGFEVVRPDHPALPPLDNVIFMVYPLERDVGHLPSEPP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (81); Rat (78)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

Gene Info — OAZ3

Entrez GeneID [51686](#)

GeneBank Accession# [BC073949.1](#)

Protein Accession# [AAH73949.1](#)

Gene Name OAZ3

Gene Alias AZ3, OAZ-t, TISP15

Gene Description ornithine decarboxylase antizyme 3

Omim ID [605138](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations antizyme 3

Disease

- [Genetic Predisposition to Disease](#)
- [Infertility](#)