

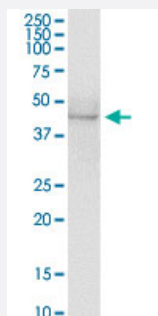
MaxPab®

AZIN1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00051582-D01P

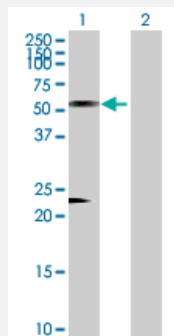
Size 100 ug

Applications



Western Blot (Tissue lysate)

AZIN1 MaxPab rabbit polyclonal antibody. Western Blot analysis of AZIN1 expression in human placenta.



Western Blot (Transfected lysate)

Western Blot analysis of AZIN1 expression in transfected 293T cell line ([H00051582-T02](#)) by AZIN1 MaxPab polyclonal antibody.

Lane 1: AZIN1 transfected lysate(49.50 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human AZIN1 protein.

Immunogen

AZIN1 (NP_056962.2, 1 a.a. ~ 448 a.a) full-length human protein.

Sequence

MKGFIDDANYSVGLLDEGTNLGNVIDNYVEHTLTGKNAFFVGD LGKVKKHSQWQNVVAQIKPFY
TVKCN SAPAVLEILAALGTGFACSSKNEMALVQELGVPPENIIMSPCKQVSQIKYAAKVGVNILTC
NEIELKKIARNHPNAKVLLHIATEDNIGGEEGNMKGFTTLKNCRHLLCAKELDVQIIGVKFHVSSAC
KESQVYVHALSDARCVFDMAGEIGFTMNMLDIGGGFTGTEFQLEEVNHVISPLLDIYFPEGSGVKII
SEPGSYVSSAFTLAVNIIAKKVVENDKFPSPGVEKTGSDEPAFMYMNDGVYGSFASKLSEDLNTI
PEVHKKYKEDEPLFTSSLWGPSCDELDQIVESCLLPELVGDWLIFDNMGADSFHEPSAFNDFQ
RPAIYMMMSFSDWYEMQDAGITSDSMMKNFFVPSCIQLSQEDSFSAEA

Host	Rabbit
Reactivity	Human
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

- Western Blot (Tissue lysate)

AZIN1 MaxPab rabbit polyclonal antibody. Western Blot analysis of AZIN1 expression in human placenta.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of AZIN1 expression in transfected 293T cell line ([H00051582-T02](#)) by AZIN1 MaxPab polyclonal antibody.

Lane 1: AZIN1 transfected lysate(49.50 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — AZIN1

Entrez GeneID	51582
GeneBank Accession#	NM_015878.4
Protein Accession#	NP_056962.2
Gene Name	AZIN1
Gene Alias	MGC3832, MGC691, OAZI, OAZIN, ODC1L
Gene Description	antizyme inhibitor 1
Omim ID	607909
Gene Ontology	Hyperlink

Gene Summary

Ornithine decarboxylase (ODC) catalyzes the conversion of ornithine to putrescine in the first and apparently rate-limiting step in polyamine biosynthesis. Ornithine decarboxylase antizymes play a role in the regulation of polyamine synthesis by binding to and inhibiting ornithine decarboxylase. The protein encoded by this gene is highly similar to ODC. It binds to ODC antizyme and stabilizes ODC, thus inhibiting antizyme-mediated ODC degradation. Two alternatively spliced transcripts have been found for this gene. [provided by RefSeq]

Other Designations

ornithine decarboxylase 1-like|ornithine decarboxylase antizyme inhibitor