

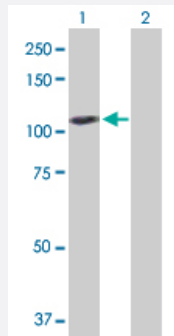
MaxPab®

# GAPDHS purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00026330-D01P

Size 100 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of GAPDHS expression in transfected 293T cell line ([H00026330-T02](#)) by GAPDHS MaxPab polyclonal antibody.

Lane 1: GAPDHS transfected lysate(44.50 KDa).

Lane 2: Non-transfected lysate.

## Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human GAPDHS protein.
Immunogen	GAPDHS (NP_055179.1, 1 a.a. ~ 408 a.a) full-length human protein.
Sequence	MSKRDIVLTNVTVVQLLRQPCPVTRAPPPPEPKAEVEPQPQPEPTPVREEIKPPPPPLPPHPATP PPKMVSVAARELTVGINGFGRIGRLVLRACMEKGVKVVAVNDPFIDPEYMYVMFKYDSTHGRYKGS VEFRNGQLVVDNHEISVYQCKEPKQIPWRAVGSPYVVESTGVYLSIQAASDHISAGAQRVVISAPS PDAPMFVMGVNENDYNPGSMNIVSNASCTTNCLAPLAKVIHERFGIVEGLMTTVHSYTATQKTVD GPSRKAWRDGRGAHQNIIPASTGAAKAVTKVPELKGKLTGMAFRVPTPDVSVVDLTCRLAQAPAP YSAIKEAVKAAAKGPMAGILAYTEDEVVSTDFLGDTHTSSIFDAKAGIALNDNFVKLISWYDNEYGYS HRVVDLLRYMFSDRK
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (76); 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.

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[Protocol Download](#)

## Gene Info — GAPDHS

Entrez GeneID [26330](#)

GeneBank Accession# [NM\\_014364.3](#)

Protein Accession# [NP\\_055179.1](#)

Gene Name GAPDHS

Gene Alias GAPD2, GAPDH-2, GAPDS, HSD-35

Gene Description glyceraldehyde-3-phosphate dehydrogenase, spermatogenic

Omim ID [609169](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes a protein belonging to the glyceraldehyde-3-phosphate dehydrogenase family of enzymes that play an important role in carbohydrate metabolism. Like its somatic cell counterpart, this sperm-specific enzyme functions in a nicotinamide adenine dinucleotide-dependent manner to remove hydrogen and add phosphate to glyceraldehyde 3-phosphate to form 1,3-diphosphoglycerate. During spermiogenesis, this enzyme may play an important role in regulating the switch between different energy-producing pathways, and it is required for sperm motility and male fertility. [provided by RefSeq]

**Other Designations** glyceraldehyde-3-phosphate dehydrogenase, testis-specific|spermatogenic cell-specific glyceraldehyde 3-phosphate dehydrogenase 2

## Disease

- [Alzheimer disease](#)
- [Genetic Predisposition to Disease](#)