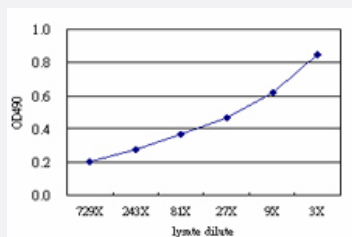


# GAPDHS (Human) Matched Antibody Pair

Catalog # H00026330-AP51

Size 1 Set

## Applications



Sandwich ELISA detection sensitivity ranging from approximately 729x to 3x dilution of the GAPDHS 293T overexpression lysate (non-denatured).

## Specification

<b>Product Description</b>	This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human GAPDHS.
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (76); Rat (78)
<b>Quality Control Testing</b>	Standard curve using GAPDHS 293T overexpression lysate (non-denatured) as an analyte. Sandwich ELISA detection sensitivity ranging from approximately 729x to 3x dilution of the GAPDHS 293T overexpression lysate (non-denatured).
<b>Supplied Product</b>	Antibody pair set content: 1. Capture antibody: mouse monoclonal anti-GAPDHS (100 ug) 2. Detection antibody: rabbit purified polyclonal anti-GAPDHS (50 ug) *Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.
<b>Storage Instruction</b>	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

## Applications

- ELISA Pair (Transfected lysate)

[Protocol Download](#)

## Gene Info — GAPDHS

Entrez GeneID [26330](#)

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](#)