

GAPDHS Polyclonal Antibody

Catalog number: 13937-1-AP

Size: 64 µg/150 µl

Source: Rabbit

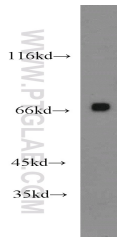
Isotype: IgG

Synonyms:

GAPDHS; GAPD2, GAPDH 2,

GAPDH2, GAPDHS, GAPDS,

HSD 35



mouse testis tissue were subjected to SDS PAGE followed by western blot with 13937-1-AP(GAPDHS antibody) at dilution of 1:800

Background

GAPDHS(Glyceraldehyde-3-phosphate dehydrogenase, testis-specific) is also named as GAPD2, GAPDH2, GAPDS and belongs to the glyceraldehyde-3-phosphate dehydrogenase family. It may play an important role in regulating the switch between different pathways for energy production during spermiogenesis and in the spermatozoon. GAPDHS is a promising contraceptive target because it is specific to male germ cells, essential for sperm motility and male fertility, and well suited to pharmacological inhibition(PMID:20828617).

Applications

Tested applications:	ELISA, WB
Cited applications:	WB
Species specificity:	Human,Mouse,Rat; other species not tested.
Cited species:	Mouse
Calculated GAPDHS MW:	45 kDa
Observed GAPDHS MW:	69kd
Positive WB detected in	Mouse testis tissue
Recommended dilution:	WB: 1:200-1:2000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag4988
GenBank accession number:	BC036373
Gene ID (NCBI):	26330
Full name:	Glyceraldehyde-3-phosphate dehydrogenase, spermatogenic

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.