

Anti-G3PT antibody



Description	Unconjugated Rabbit polyclonal to G3PT
Model	STJ190835
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Gene ID	26330
Gene Symbol	GAPDHS
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	G3PT Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Testis specific.
Purification	G3PT antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Glyceraldehyde-3-phosphate dehydrogenase, testis-specific Spermatogenic cell-specific glyceraldehyde 3-phosphate dehydrogenase 2 GAPDH-2 Spermatogenic glyceraldehyde-3-phosphate dehydrogenase
Molecular Weight	44 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:24864OMIM:609169
Alternative Names	Glyceraldehyde-3-phosphate dehydrogenase, testis-specific Spermatogenic cell-specific glyceraldehyde 3-phosphate dehydrogenase 2 GAPDH-2 Spermatogenic glyceraldehyde-3-phosphate dehydrogenase
Function	May play an important role in regulating the switch between different pathways for energy production during spermiogenesis and in the spermatozoon. Required for sperm motility and male fertility .
Sequence and Domain Family	The testis-specific N-terminal extension mediates tight association with the cytoskeletal fibrous sheath of the spermatozoa flagellum, possibly via interchain disulfide-bonding of Cys-21 with sheath components.
Cellular Localization	Cytoplasm

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