

DATASHEET

GAPDS Rabbit Polyclonal Antibody

CAT. NO. APA08964

KEY FEATURES

Target	GAPDS	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Catalyzes the conversion of D-glyceraldehyde 3-phosphate (G3P) into 3-phospho-D-glyceroyl phosphate in glycolysis and the reverse reaction in gluconeogenesis . 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 .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
----	----------------

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

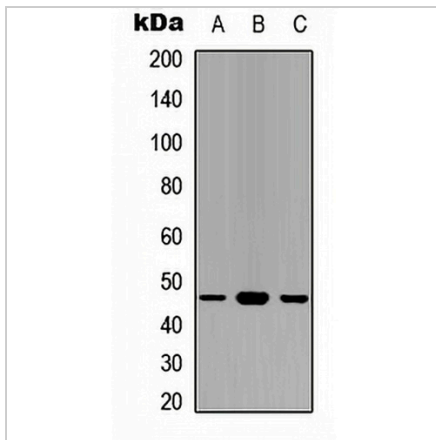
Description	Rabbit polyclonal antibody to GAPDS
Specificity	Recognizes endogenous levels of GAPDS protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human GAPDS. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 44 kD; Observed: 44 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	GAPD2; GAPDH2; GAPDS; Glyceraldehyde-3-phosphate dehydrogenase, testis-specific; Spermatogenic cell-specific glyceraldehyde 3-phosphate dehydrogenase 2; GAPDH-2; Spermatogenic glyceraldehyde-3-phosphate dehydrogenase
Gene Symbol	GAPDHS
Entrez Gene	26330(Human); 14447(Mouse); 66020(Rat)
SwissProt	O14556(Human); Q64467(Mouse); Q9ESV6(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET**GAPDS Rabbit Polyclonal Antibody**

CAT. NO. APA08964

DATA

Western blot analysis of GAPDS expression in HEK293T (A), NS-1 (B), PC12 (C) whole cell lysates. (Predicted band size: 44 kD; Observed band size: 44 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.