

Datasheet for ABIN7190743

anti-GAPDHS antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	GAPDHS
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GAPDHS antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthetic peptide of Human GAPDHS
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen affinity purification

Target Details

Target:	GAPDHS
Alternative Name:	GAPDHS (GAPDHS Products)
Background:	Background: 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-

Target Details

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.

Aliases: G3PT_HUMAN antibody, GAPD2 antibody, GAPDH 2 antibody, GAPDH-2 antibody, GAPDH2 antibody, GAPDHS antibody, GAPDS antibody, Glyceraldehyde 3 phosphate dehydrogenase spermatogenic antibody, Glyceraldehyde 3 phosphate dehydrogenase, testis specific antibody, Glyceraldehyde-3-phosphate dehydrogenase antibody, HSD 35 antibody, HSD35 antibody, Spermatogenic cell specific glyceraldehyde 3 phosphate dehydrogenase 2 antibody, Spermatogenic cell-specific glyceraldehyde 3-phosphate dehydrogenase 2 antibody, Spermatogenic glyceraldehyde 3 phosphate dehydrogenase antibody, Spermatogenic glyceraldehyde-3-phosphate dehydrogenase antibody, testis-specific antibody

UniProt: [O14556](#)

Pathways: [Regulation of Carbohydrate Metabolic Process](#)

Application Details

Application Notes: ELISA:1:1000-1:2000, WB:1:200-1:1000,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: -20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Gel: 6 % SDS-PAGE, Lysate: 40 µg, Lane: A549 cells, Primary antibody: ABIN7190743(GAPDHs Antibody) at dilution 1/375, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 20 seconds