

Rabbit anti-Human GAPDHS Polyclonal Antibody | anti-GAPDHS antibody

GAPDHS Antibody

CATALOG # AAA307894	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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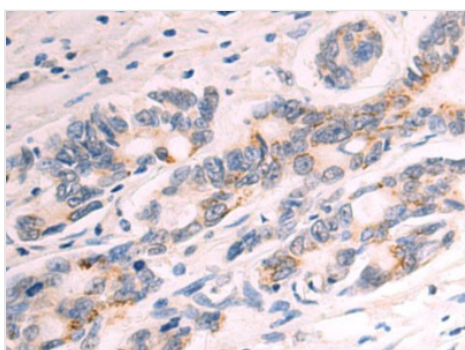
PRODUCT SYNONYMS

GAPDHS; Polyclonal Antibody; GAPDHS Antibody; GAPD2; GAPDS; HSD-35; GAPDH-2; anti-GAPDHS antibody

PRODUCT SPECIFICATIONS

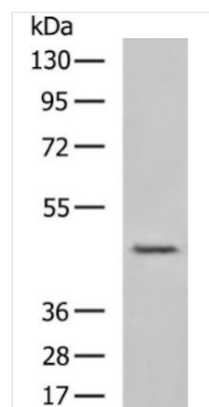
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total GAPDHS protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	0.9 mg/ml (varies by lot)
Sequence Length	408
Applicable Applications for anti-GAPDHS antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide of human GAPDHS
Target Name	GAPDHS
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using (GAPDHS Antibody) at dilution 1/50



SDS-PAGE

Gel: 8% SDS-PAGE Lysate: 40 ugLane: A549 cell lysatePrimary antibody: (GAPDHS Antibody) at dilution 1/400Secondary antibody: Goat anti rabbit IgG at 1/5000 dilutionExposure time: 2 minutes

ADDITIONAL INFORMATION

Related Product Information for anti-GAPDHS antibody	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.
Product Categories/Family for anti-GAPDHS antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657116
NCBI GeneID	26330
NCBI Accession #	NP_055179.1
NCBI GenBank Nucleotide #	NM_014364.4
UniProt Accession #	O14556; O60823; Q6JTT9; Q9HCU6; B2RC82
Molecular Weight	SDS-PAGE MW: 45 kd
NCBI Official Full Name	glyceraldehyde-3-phosphate dehydrogenase, testis-specific
NCBI Official Synonym Full Names	glyceraldehyde-3-phosphate dehydrogenase, spermatogenic
NCBI Official Symbol	GAPDHS
NCBI Official Synonym Symbols	GAPD2; GAPDS; HSD-35; GAPDH-2
NCBI Protein Information	glyceraldehyde-3-phosphate dehydrogenase, testis-specific
UniProt Protein Name	Glyceraldehyde-3-phosphate dehydrogenase, testis-specific
UniProt Gene Name	GAPDHS
UniProt Synonym Gene Names	GAPD2; GAPDH2; GAPDS; GAPDH-2
UniProt Entry Name	G3PT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.