

Rabbit GAPDHS Polyclonal Antibody | anti-GAPDHS antibody

GAPDHS Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA280770	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

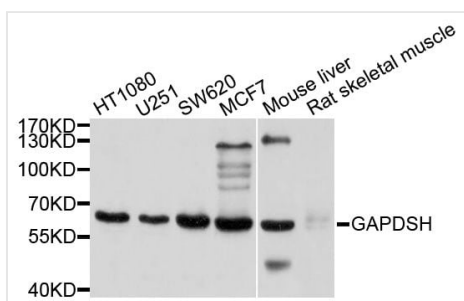
PRODUCT SYNONYMS

GAPDHS; Polyclonal Antibody; GAPDHS Polyclonal Antibody; GAPD2; GAPDH-2; GAPDS; HEL-S-278; HSD-35; anti-GAPDHS antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	408
Applicable Applications for anti-GAPDHS antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequece corresponding to amino acids 179-408 of human GAPDHS (NP_055179.1).
Cross Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using GAPDHS antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.

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	Primary antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	6226817
NCBI GeneID	26330
UniProt Accession #	O14556; O60823; Q6JTT9; Q9HCU6; B2RC82
Molecular Weight	Observed MW: 60 kDa Calculated MW: 44 kDa
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; HEL-S-278
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

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/gapdhs-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/280770>