Datasheet for ABIN6140958

anti-GAPDHS antibody (AA 179-408)

4 Images

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Overview

Quantity:	100 µL
Target:	GAPDHS
Binding Specificity:	AA 179-408
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GAPDHS antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 179-408 of human GAPDHS (NP_055179.1).
Sequence:	ASDHISAGAQ RVVISAPSPD APMFVMGVNE NDYNPGSMNI VSNASCTTNC LAPLAKVIHE RFGIVEGLMT TVHSYTATQK TVDGPSRKAW RDGRGAHQNI IPASTGAAKA VTKVIPELKG KLTGMAFRVP TPDVSVVDLT CRLAQPAPYS AIKEAVKAAA KGPMAGILAY TEDEVVSTDF LGDTHSSIFD AKAGIALNDN FVKLISWYDN EYGYSHRVVD LLRYMFSRDK
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

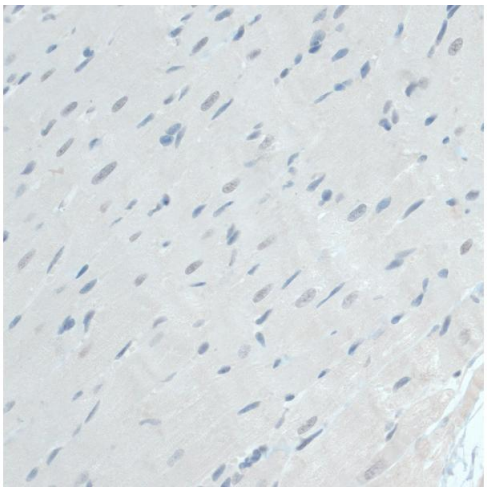
Target:	GAPDHS
Alternative Name:	GAPDHS (GAPDHS Products)
Background:	This gene encodes a protein belonging to the glyceraldehyde-3-phosphate dehydrogenase family of enzymes that play an important role in carbohydrate metabolism. Like its somatic cell counterpart, this sperm-specific enzyme functions in a nicotinamide adenine dinucleotide-dependent manner to remove hydrogen and add phosphate to glyceraldehyde 3-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.,GAPDHS,GAPD2,GAPDH-2,GAPDS,HEL-S-278,HSD-35,Cancer,Signal Transduction,Endocrine & Metabolism,Carbohydrate metabolism,GAPDHS
Molecular Weight:	44 kDa
Gene ID:	26330
UniProt:	O14556
Pathways:	Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

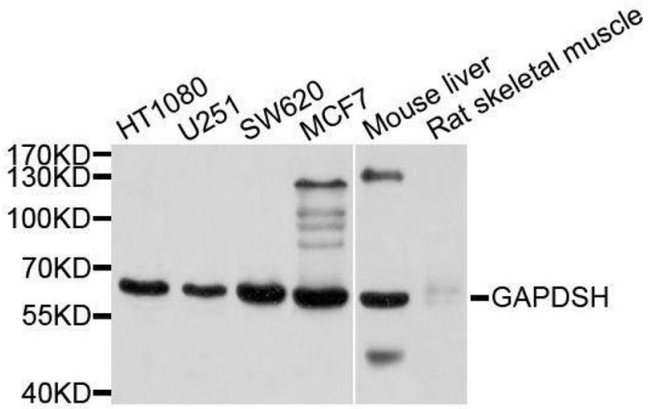
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



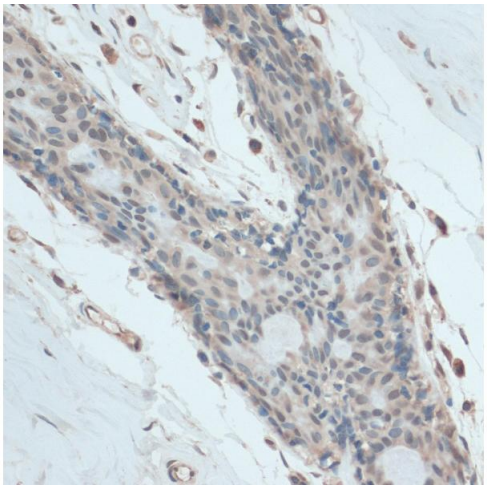
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded Rat heart using antibody (ABIN6130837, ABIN6140958, ABIN6140959 and ABIN6214740) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using GAPDHS antibody.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human breast using antibody (ABIN6130837, ABIN6140958, ABIN6140959 and ABIN6214740) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol

Please check the product details page for more images. Overall 4 images are available for ABIN6140958.