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Datasheet for ABIN1440016

anti-GAPDH antibody (C-Term)

4 Images

8 Publications

Overview

Quantity:	1 mg
Target:	GAPDH
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Chicken, Pig, Monkey, Cow, Dog, Sheep, Hamster, Goat, Horse, Fish, Guinea Pig, Cat, Avian, Donkey
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This GAPDH antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Purified recombinant peptide derived from within residues 240 aa to the C-terminus of human GAPDH produced in E. coli.
Isotype:	IgG
Specificity:	Detects a band of 37 kDa by Western blot in the following human (293A, HMEC-1, U-118, HaCat), rat (TR-iBRB), mouse (AtT-20, Hepa), canine (D17) and monkey (COS-7) whole cell lysates.
Characteristics:	Glyceraldehyde-3-phosphate dehydrogenase
Purification:	epitope affinity purified

Target Details

Target:	GAPDH
Alternative Name:	GAPDH (GAPDH Products)
Background:	<p>GAPDH catalyzes an important energy-yielding step in carbohydrate metabolism, the reversible oxidative phosphorylation of glyceraldehyde-3-phosphate in the presence of inorganic phosphate and nicotinamide adenine dinucleotide (NAD). The enzyme exists as a tetramer of identical chains.</p> <p>Synonyms: glyceraldehyde 3-phosphate dehydrogenase, glyceraldehyde-3-phosphate dehydrogenase, G3PD, GAPD, HGNC:4141, GAPDH antibody.</p> <p>Ensembl identifier: ENSG00000111640</p>

Application Details

Restrictions:	For Research Use only
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Handling

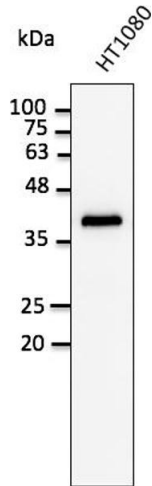
Concentration:	2 mg/mL
Buffer:	Polyclonal antibody supplied as a 200 µL (2 mg/mL) aliquot in PBS, 20 % glycerol and 0.05 % sodium azide
Handling Advice:	The antibody solution should be gently mixed before use.
Storage:	4 °C,-20 °C
Storage Comment:	For continuous use, store at 2-8 deg,C for one-two days. For extended storage, store in -20 deg,C freezer. Working dilution samples should be discarded if not used within 12 hours.

Publications

Product cited in:	<p>Reynolds, Goudet, Jenjaroen, Sumonwiriya, Rinchai, Musson, Overbeek, Makinde, Quigley, Manji, Spink, Yos, Wuthiekanun, Bancroft, Robinson, Lertmemongkolchai, Dunachie, Maillere, Holden, Altmann et al.: "T Cell Immunity to the Alkyl Hydroperoxide Reductase of Burkholderia pseudomallei: A Correlate of Disease Outcome in Acute Melioidosis. ..." in: Journal of immunology (Baltimore, Md. : 1950), Vol. 194, Issue 10, pp. 4814-24, (2015) (PubMed).</p> <p>Zhang, Zhang, Chen, Liu, Luo: "Dendritic-tumor fusion cells derived heat shock protein70-peptide complex has enhanced immunogenicity." in: PLoS ONE, Vol. 10, Issue 5, pp. e0126075, (2015) (PubMed).</p>
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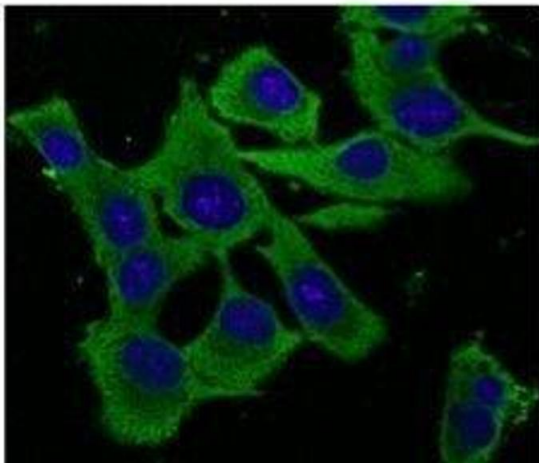
There are more publications referencing this product on: [Product page](#)

Images



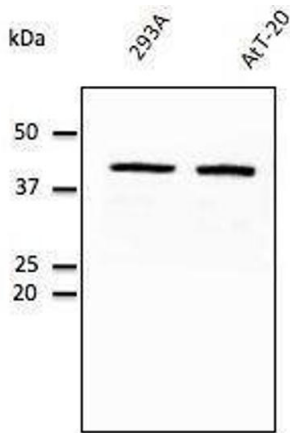
Western Blotting

Image 1.



Immunofluorescence

Image 2. Endogenous ERP57- endoplasmic reticulum lumen marker detected With AB0004 at 1/500 dilution, lysates at 100 µg per lane and rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution,



Anti-GAPDH Ab (AB0004) at 1/500 dilution

Western Blotting

Image 3. Endogenous ERP57- endoplasmic reticulum lumen marker detected With AB0004 at 1/500 dilution, lysates at 100 µg per lane and rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution,

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN1440016.