SICGEN RESEARCH AND DEVELOPMENT IN BIOTECHNOLOGY

GAPDH Polyclonal Antibody

Catalogue No*:	AB0049-200	**Price/Unit*:**	320.00
Source:	3	**Quantity/unit size*:**	400 g

Description:	Goat polyclonal to GAPDH (glyceraldehyde 3-phosphate dehydrogenase). 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. **Alternative names:** glyceraldehyde 3-phosphate dehydrogenase, glyceraldehyde-3-phosphate dehydrogenase, G3PD, GAPD, HGNC:4141, GAPDH antibody.
Immunogen:	Purified recombinant peptide derived from within residues 240 aa to the C-terminus of human GAPDH produced in *E. coli.*
Specifity:	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.
Reactivity:	Reacts against human, rat, mouse, zebrafish, canine and monkey proteins.
Usage:	Western blot 1:500-1:5,000 Immunofluorescence 1:50-1:250 Immunohistochemistry (paraffin) 1:200-1:1,000 Immunohistochemistry (frozen) 1:200-1:1,000

Reactivity Chart

Sample	Western Blot	Immuno-fluorescence	Immuno-Histochemistry (p)	Immuno-Histochemistry (f)
human	+++	+++	+++	+++
rat	+++	+++	+++	+++
mouse	+++	+++	+++	+++
zebrafish	+++	ND	ND	ND
canine	+++	+++	+++	+++
monkey	+++	+++	+++	+++

Storage:	Store at -20 C for long term storage. Store at 2-8 C for up to one month.
Special instructions:	Avoid freeze/thaw cycles.

References:

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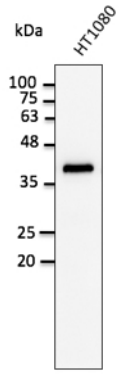
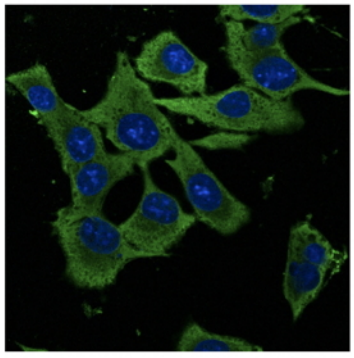


Anti-GAPDH Ab at 1/2,500 dilution; lysates at 50 µg per lane; Rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;



Immunofluorescence – anti-GAPDH Ab in Hepa1-6 cells at 1/50 dilution; cells were fixed with methanol;

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