SICGEN ANTIBODIES

Product Data Sheet

Catalogue No.	Qty:
AB49405-100	250 µg

Anti-GAPDH, DyLight®405

Source: Goat

General description: Goat polyclonal to GAPDH (glyceraldehyde 3-phosphate dehydrogenase) conjugated to DyLight® 405. 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.

Form: Polyclonal antibody supplied as a 100 µl (2.5 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

Immunogen: Purified recombinant peptide derived from within residues 240 aa to the C-terminus of human GAPDH produced in E. coli.

Specificity: Detects a band of 37 kDa by Western blot.

Reactivity: Reacts with Human, Rat, Mouse, Monkey, Zebrafish and Canine proteins

Sample	WB	IHC (F)	IHC (P)	IF	ELISA	IEM
Human	+++	+++	ND	+++	ND	ND
Rat	+++	+++	ND	+++	ND	ND
Mouse	+++	+++	ND	+++	ND	ND
Zebrafish	+++	ND	ND	ND	ND	ND
Canine	+++	+++	ND	+++	ND	ND
Monkey	+++	+++	ND	+++	ND	ND

+++ excellent, ++ good, + poor, ND not determined

Usage:

WB:	1:500-1:5,000
IHC (F):	1:200-1:1,000
IF:	1:50-1:250

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..

For research use only, not for diagnostic use

SICGEN's Proprietary Immunogen Policy

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.