BT LAB
Bioassay Technology Laboratory

*Optimize Your Research*

# GAPDH Polyclonal Antibody

## Description

| | |
|---|---|
| **Product type** | Primary Antibody |
| **Code** | BT-AP09392 |
| **Host** | Rabbit |
| **Isotype** | IgG |
| **Size** | 20ul, 50ul, 100ul |
| **Immunogen** | Recombinant Protein of Glyceraldehyde-3-phosphate dehydrogenase |
| **Mol wt** | N/A |
| **Species reactivity** | Zebrafish |
| **Clonality** | Polyclonal |
| **Recommended application** | WB |
| **Concentration** | |
| **Full name** | Glyceraldehyde-3-phosphate dehydrogenase |
| **Synonyms** | Glyceraldehyde-3-phosphate dehydrogenase; GAPDH; GAPD; CDABP0047; OK/SW-cl.12; Glyceraldehyde-3-phosphate dehydrogenase; GAPDH; Peptidyl-cysteine S-nitrosylase GAPDH |

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

## Background

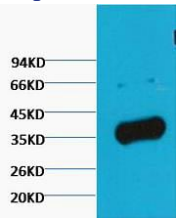
This gene encodes a member of the glyceraldehyde-3-phosphate dehydrogenase protein family. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. The product of this gene catalyzes an important energy-yielding step in carbohydrate metabolism, the reversible oxidative phosphorylation of glyceraldehyde-3-phosphate in the presence of inorganic phosphate and nicotinamide adenine dinucleotide (NAD). The encoded protein has additionally been identified to have uracil DNA glycosylase activity in the nucleus. Also, this protein contains a peptide that has antimicrobial activity against E. coli, P. aeruginosa, and C. albicans. Studies of a similar protein in mouse have assigned a variety of additional functions including nitrosylation of nuclear proteins, the regulation of mRNA stability, and acting as a transferri

## Recommended Dilution

WB: 1: 2000 - 1: 5000

Not yet tested in other applications.

## Images




Western blot analysis of Zebrafish skeletal muscle, diluted at 1:5000. Secondary antibody was diluted at 1:20000

## Storage

-20°C for 1 year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com