# GAPDH antibody

Catalog No: #23001

## Description

| | |
|---|---|
| Product Name | GAPDH antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Purified by antigen-affinity chromatography. |
| Applications | WB IHC IF |
| Species Reactivity | Hu |
| Immunogen Type | Recombinant protein |
| Immunogen Description | Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 323 of GAPDH |
| Target Name | GAPDH |
| Other Names | G3PD; GAPD; MGC88685 |
| Accession No. | NCBI Gene ID: 2597NCBI mRNA#: NM_002046NCBI Protein#: NP_002037 |
| Formulation | Supplied in 1XPBS, 1%BSA, 20% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative. |
| Storage | Store at -20°C for long term preservation (recommended). Store at 4°C for short term use. |

## Application Details

Predicted MW: 36kd

Western blotting: 1:500-1:3000

Immunohistochemistry: 1:50-1:500
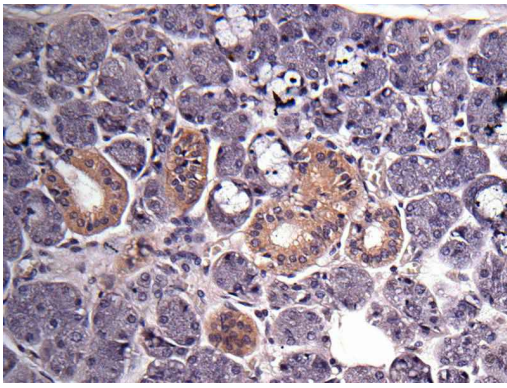
Immunofluorescence: 1:100-1:200
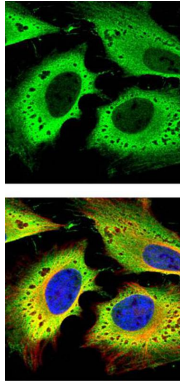
## Images
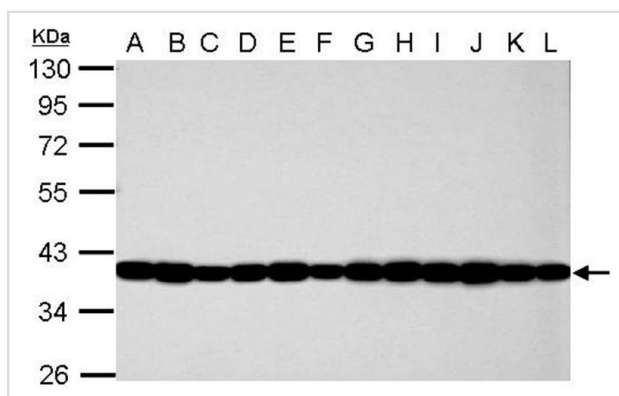


Sample (30 ug of whole cell lysate)
A: Jurkat
B: Raji
C: 293T
D: A431
E: HeLa
F: HepG2
G: H1299
H: HCT116
I: MCF-7
J: NT2D1
K: PC-3
L: U87-MG
10% SDS PAGE
Primary antibody diluted at 1: 10000

Immunohistochemical analysis of Salivary gland cancer, using GAPDH antibody at 1: 500 dilution.



Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed HeLa, using GAPDH antibody (green) at 1: 500 dilution and alpha-tubulin antibody (red) at 1: 2000.

## Background

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 enzyme exists as a tetramer of identical chains. Many pseudogenes similar to this locus are present in the human genome. [provided by RefSeq]

Note: This product is for in vitro research use only and is not intended for use in humans or animals.