

## GAPDH Recombinant Rabbit mAb

Catalog: BS42645      Host: Rabbit      Reactivity: Human, Mouse, Rat, Chicken, Zebrafish, Monkey, Xenopus tropicalis

### 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 encoded protein was originally identified as a key glycolytic enzyme that converts D-glyceraldehyde 3-phosphate (G3P) into 3-phospho-D-glyceroyl phosphate. Subsequent studies have assigned a variety of additional functions to the protein including nitrosylation of nuclear proteins, the regulation of mRNA stability, and acting as a transferrin receptor on the cell surface of macrophage. Alternative splicing results in multiple transcript variants. Many pseudogenes similar to this locus are found throughout the mouse genome. [provided by RefSeq, Jan 2014]

### Product:

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

### Molecular Weight:

36 kDa

### Swiss-Prot:

P16858

### Purification&Purity:

### Affinity Purification

### Applications:

WB: 1:2000-1:20000      IHC: 1:200-1:2000  
ICC/IF: 1:200-1:500      FC: 1:50-1:200  
IP: 1:50

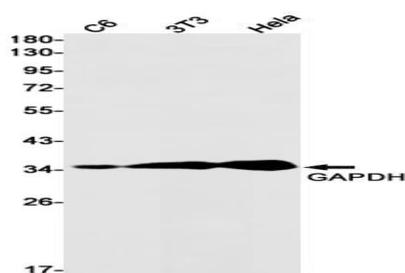
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Isotype:

IgG

### DATA:



Western blot detection of GAPDH in C6,3T3,HeLa cell lysates using GAPDH antibody(1:1000 diluted).

### Note:

For research use only, not for use in diagnostic procedure.

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