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# GAPDH Rabbit mAb

货号: **AC0016**

## 产品信息

反应	Human,Rat,Mouse,Monkey,Chicken,Zebrafish,Cow,Goat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC IP FC
推荐浓度	<b>WB 1:3000-1:10000 IHC 1:100-1:500 ICC/IF 1:100-1:500 IHF 1:100-1:500 FC 1:100-1:500:</b>
理论分子量	37kDa; 36kD(Calculated)
实测分子量	37kDa; 36kD
形式	
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	
细胞定位	Cytoplasm>Cytosol. Nucleus. Cytoplasm>Perinuclear region. Membrane.
纯化	Affinity-chromatography

## 抗原信息

抗原信息	A synthesized peptide derived from human GAPDH
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## 靶点信息

研究背景	Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) catalyzes the phosphorylation of glyceraldehyde-3-phosphate during glycolysis. GAPDH participates in nuclear events including transcription, binding RNA, RNA transportation, DNA replication, DNA repair and apoptosis. Being stably and constitutively expressed at high levels in most tissues and cells, GAPDH is considered a housekeeping protein. It is widely used as a control for RT-PCR and also loading control in electrophoresis and Western blotting. GAPDH is normally expressed in cellular cytoplasm or membrane, but can occasionally translocate to the nucleus after the addition of post-translational modifications such as S-nitrosylation. This antibody is raised against full length GAPDH of human origin. It can recognize the 36 kDa GAPDH protein in most cells/tissues. In addition, a band below 36 kDa can always be detected as the isoform or spliced product of GAPDH
基因ID	2597
基因名	GAPDH
Swiss	P04406 ( <a href="https://www.uniprot.org/uniprotkb/P04406/entry">https://www.uniprot.org/uniprotkb/P04406/entry</a> )
别名	GAPDH, A1 40 kd subunit, Activator 1 40 kd subunit, G3PD, GAPD, G3pdh, Rfc40, Rf-c 40 kd subunit

## 产品验证

## 实验步骤

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