

货号: ZC-12001

规格: 100ul

**Anti -GAPDH Rabbit pAb(内参抗体)**

<b>Description</b>	GAPDH Rabbit monoclonal
<b>Protein full name</b>	Glyceraldehyde-3-phosphate dehydrogenase
<b>Synonyms</b>	GAPDH, GAPD, G3PD, HEL-S-162eP, glyceraldehyde-3-phosphate dehydrogenase
<b>Immunogen</b>	KLH conjugated Synthetic peptide corresponding to Mouse GAPDH
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purification
<b>Predicted MW.</b>	37kDa
<b>Observed MW.</b>	37kDa
<b>Subcellular location</b>	Cytoplasm, Nucleus, Membrane
<b>Uniprot ID</b>	P04406, P04797, P16858

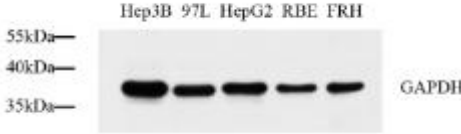
**Applications**

applications	species	dilution	Positive tissue
WB	Human, Mouse, Rat	1:2000	Hep3B, 97L, HepG2, RBE, FRH

**Background**

Glyceraldehyde 3-phosphate dehydrogenase (abbreviated as GAPDH or less commonly as G3PDH) is an enzyme of ~37kDa that catalyzes the sixth step of glycolysis and thus serves to break down glucose for energy and carbon molecules. In addition to this long established metabolic function, GAPDH has recently been implicated in several non-metabolic processes, including transcription activation, initiation of apoptosis, ER to Golgi vesicle shuttling, and fast axonal, or axoplasmic transport. In sperm, a testis-specific isoenzyme GAPDHS is expressed.

**Images**

	Western blot analysis of GAPDH (GB11002) at dilution of 1:2000.
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**Storage**

Store at -20 °C for one year. Avoid repeated freeze/ thaw cycles.

**Storage Buffer**

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.