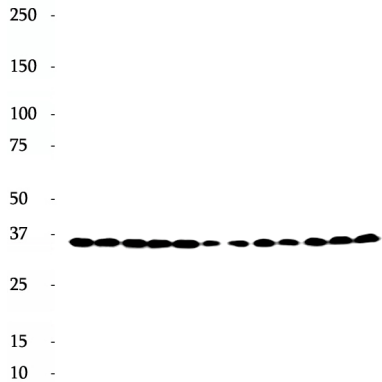


Data Sheet

Product Information

Catalog Number	BP69330
Product Name	HRP Anti-GAPDH antibody
Description	<p>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 . Please note that some physiological factors, such as hypoxia and diabetes, increase GAPDH expression in certain cell types.</p>
Tested Applications	WB: 1:2000-1:10000
Species Reactivity	Human, Mouse, Rat
Host Species/Isotype	Mouse/IgG2b
Molecular Weight	36 kDa
GenBank	BC004109
Uniprot	P04406
Concentration	1000µg/ml

Form	Liquid
Storage Instruction	10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA and 50% glycerol. Store at -20°C. Do Not Aliquot.
Chemical Structure OR Tested Image	

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