

Product Datasheet

GAPDH Rabbit Polyclonal Antibody (orb213967)

Catalog Number	orb213967
Category	Antibodies
Description	The GAPDH Antibody is suitable for IF, WB. It is a Polyclonal, Unconjugated antibody which raised against KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human GAPDH. The exact sequence is proprietary. Purification: The antibody was purified by immunogen affinity chromatography.
Target	GAPDH
Clonality	Polyclonal
Species/Host	Rabbit
Conjugation	Unconjugated
Reactivity	Bovine, Canine, Gallus, Human, Monkey, Mouse, Porcine, Rabbit, Rat
Form/Appearance	Liquid
Buffer/Preservatives	0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purification	The antibody was purified by immunogen affinity chromatography.
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human GAPDH. The exact sequence is proprietary.
UniProt ID	P16858, P04406, P04797
Tested applications	IF, WB
Dilution range	WB: 1-500-1-1000

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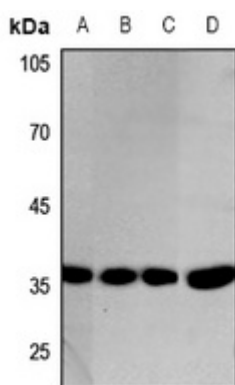
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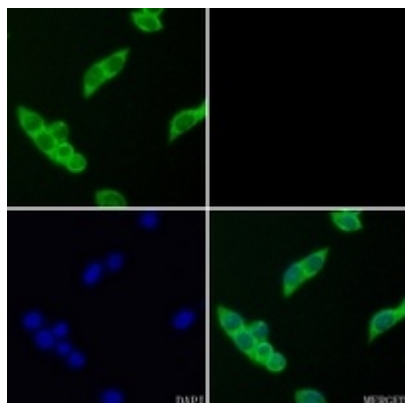
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Specificity	Recognizes endogenous levels of GAPDH protein.
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Entrez	24383, 100042025, 14433, 2597
Expiration Date	12 months from date of receipt.



Western blot analysis of GAPDH expression in Hela (A), mouse lung (B), mouse kidney (C), rat kidney (D) whole cell lysates. (Predicted band size: 36 kD; Observed band size: 36 kD)



Immunofluorescent analysis of GAPDH staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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