

Product Datasheet

Anti-GAPDH Rabbit pAb



For Research Use Only. Not For Use In Diagnostic Procedures

WL01114

Product Information

Product name	Anti-GAPDH Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
	IHC	1:100-1:500
	IF	1:300
Cellular localization	Cytoplasm. Nucleus. Membrane.	
Pack size	50/100/200/500/1000μl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background	Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) catalyzes the phosphorylation of glyceraldehyde-3-phosphate during glycolysis. Though differentially expressed from tissue to tissue, GAPDH is thought to be a constitutively expressed housekeeping protein. For this reason, GAPDH mRNA and protein levels are often measured as controls in experiments quantifying specific changes in expression of other targets. Recent work has elucidated roles for GAPDH in apoptosis, gene expression and nuclear transport. GAPDH may also play a role in neurodegenerative pathologies such as Huntington and Alzheimer's diseases.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of GAPDH.
Purification	Polyclonal antibody was purified by immunogen affinity chromatography.

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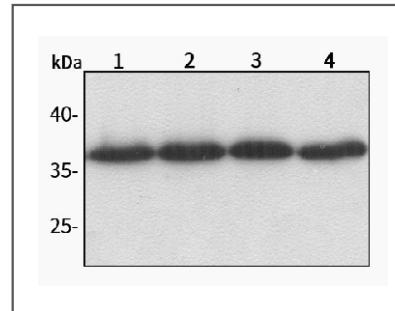
Anti-GAPDH Rabbit pAb



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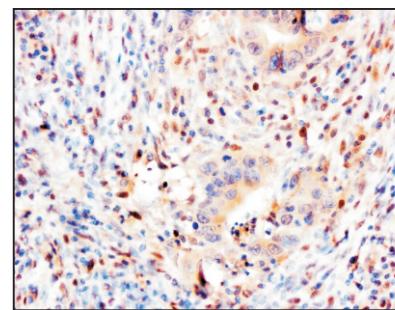
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Product Images



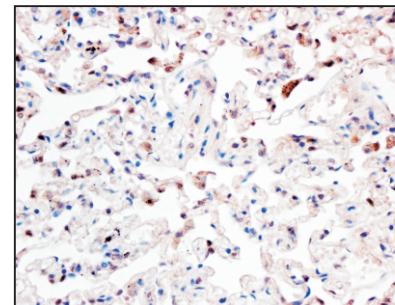
Western blot-Anti-GAPDH pAb

Lane 1: Human MGC-803 cell lysate
Lane 2: Human SGC-7901 cell lysate
Lane 3: Human Caco2 cell lysate
Lane 4: Human MCF-7 cell lysate
All lanes: Anti-GAPDH at 1:1000 dilution
Lysates/proteins at 20-50 μg per lane.
Predicted band size: 37 kDa
Observed band size: 37 kDa



Immunohistochemistry-Anti-GAPDH pAb

Immunohistochemical analysis of paraffin-embedded human colon cancer using anti-GAPDH Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-GAPDH pAb

Immunohistochemical analysis of paraffin-embedded human lung cancer using anti-GAPDH Rabbit Antibody at 1:150 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

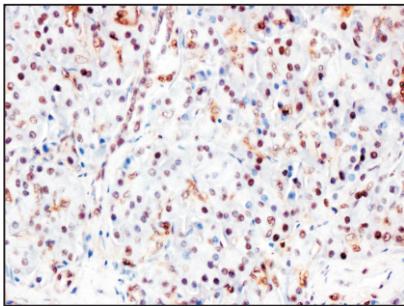
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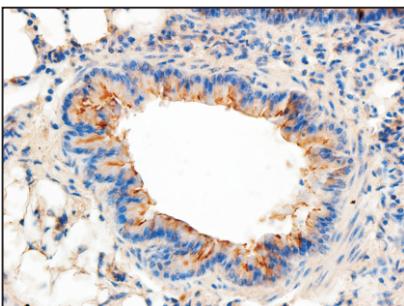
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Immunohistochemistry-Anti-GAPDH pAb

Immunohistochemical analysis of paraffin-embedded human pancreas cancer using anti-GAPDH Rabbit Antibody at 1:200 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0.



Immunohistochemistry-Anti-GAPDH pAb

Immunohistochemical analysis of paraffin-embedded rat lung using anti-GAPDH Rabbit Antibody at 1:500 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0.