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anti-PHGDH antibody (N-Term)



Images



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Quantity:	100 μL
Target:	PHGDH
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHGDH antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

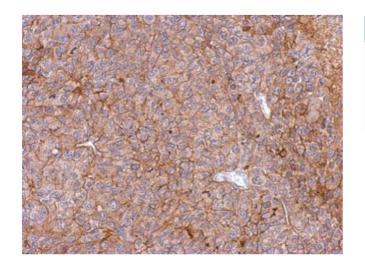
Immunogen:	Recombinant protein encompassing a sequence within the N-terminus region of human PHGDH. The exact sequence is proprietary.	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Characteristics:	Rabbit Polyclonal antibody to PHGDH (phosphoglycerate dehydrogenase) PHGDH antibody [N1N2], N-term	
Purification:	Purified by antigen-affinity chromatography.	
Grade:	KO Validated	

Target Details

Target:	PHGDH	
Alternative Name:	phosphoglycerate dehydrogenase (PHGDH Products)	
Background:	3-Phosphoglycerate dehydrogenase (PHGDH, EC 1.1.1.95) catalyzes the transition of 3-phosphoglycerate into 3-phosphohydroxypyruvate, which is the first and rate-limiting step in the phosphorylated pathway of serine biosynthesis, using NAD+/NADH as a cofactor.[supplied by OMIM]	
Molecular Weight:	57 kDa	
Gene ID:	26227	
UniProt:	043175	
Pathways:	Metabolism of Steroid Hormones and Vitamin D, Warburg Effect	
Application Details		
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. IHC-Fr: 1:100-1:1000. IP: 1:100-1:500. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.	
Comment:	Positive Control: Mouse brain , 293T , A431 , HeLaS3 , HeLa Validation: KO/KD	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	0.87 mg/mL	
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal	
Preservative:	Thimerosal (Merthiolate)	
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid	

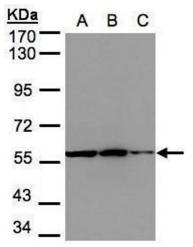
multiple freeze-thaw cycles.

Images



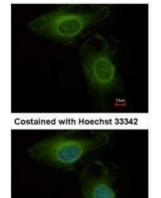
Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded PC13 xenograft, using PHGDH, antibody at 1:500 dilution.



Western Blotting

Image 2. WB Image Sample(30 µg of whole cell lysate) A:293T B:A431, C:HeLa S3, 7.5% SDS PAGE antibody diluted at 1:1000



Immunofluorescence

Image 3. ICC/IF Image Immunofluorescence analysis of methanol-fixed HeLa, using PHGDH, antibody at 1:500 dilution.

Please check the product details page for more images. Overall 6 images are available for ABIN2855237.