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Datasheet for ABIN3032221 anti-PHGDH antibody (AA 140-168)

7 Images



Overview

Quantity:	0.4 mL
Target:	PHGDH
Binding Specificity:	AA 140-168
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHGDH antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Immunogen:	A portion of amino acids 140-168 from the human protein was used as the immunogen for this PHGDH antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Bovine, Pig, Primate
Purification:	Purified

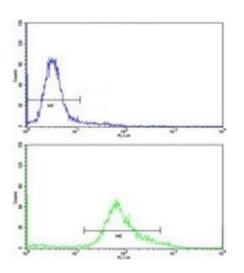
Target Details

Target:	PHGDH
Alternative Name:	PHGDH (PHGDH Products)
Background:	3-Phosphoglycerate dehydrogenase catalyzes the transition of 3-phosphoglycerate into 3-

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Target Details	
	phosphohydroxypyruvate, which is the first and rate-limiting step in the phosphorylated pathway of serine biosynthesis, using NAD+/NADH as a cofactor.
UniProt:	043175
Pathways:	Metabolism of Steroid Hormones and Vitamin D, Warburg Effect
Application Details	
Application Notes:	Titration of the PHGDH antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100,Flow Cytometry: 1:10-1:50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the PHGDH antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

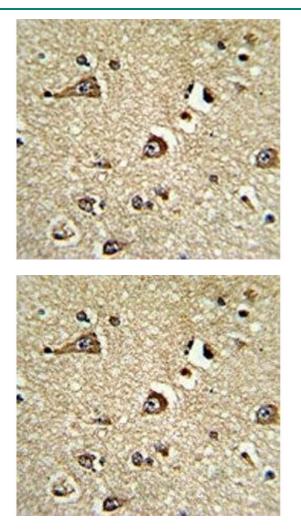
Images



Flow Cytometry

Image 1. Flow cytometric analysis of HeLa cells using PHGDH antibody (green)

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Immunohistochemistry

Image 2. IHC analysis of FFPE human brain tissue stained with PHGDH antibody

Immunohistochemistry

Image 3. IHC analysis of FFPE human brain tissue stained with PHGDH antibody

Please check the product details page for more images. Overall 7 images are available for ABIN3032221.