

Rabbit PHGDH Polyclonal Antibody | anti-PHGDH antibody

PHGDH Polyclonal Antibody

CATALOG # AAA179224	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence
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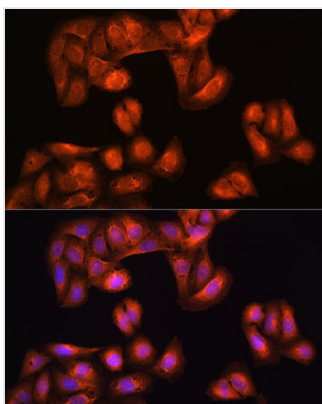
PRODUCT SYNONYMS

PHGDH; Polyclonal Antibody; PHGDH Polyclonal Antibody; 3-PGDH; 3PGDH; HEL-S-113; NLS; NLS1; PDG; PGAD; PGD; PGDH; PHGDHD; SERA; anti-PHGDH antibody

PRODUCT SPECIFICATIONS

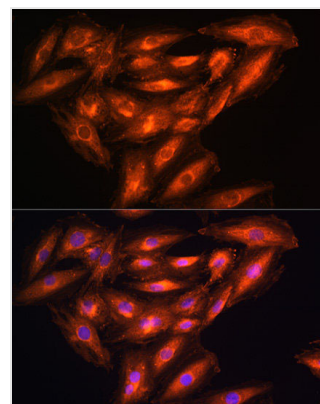
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-PHGDH antibody	IF (Immunofluorescence)
Immunogen	Recombinant fusion protein of human PHGDH
Research Area	Cancer, Metabolism, Neuroscience, Signal Transduction
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



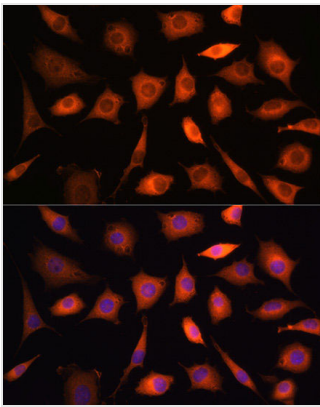
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using PHGDH Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of H9C2 cells using PHGDH Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using PHGDH Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-PHGDH antibody	This gene encodes the enzyme which is involved in the early steps of L-serine synthesis in animal cells. L-serine is required for D-serine and other amino acid synthesis. The enzyme requires NAD/NADH as a cofactor and forms homotetramers for activity. Mutations in this gene have been found in a family with congenital microcephaly, psychomotor retardation and other symptoms. Multiple alternatively spliced transcript variants have been found, however the full-length nature of most are not known.
Product Categories/Family for anti-PHGDH antibody	Antibodies ; Primary Antibodies ; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	21264510
NCBI GeneID	26227
UniProt Accession #	O43175; Q5SZU3; Q9BQ01; B2RD08
Molecular Weight	533
NCBI Official Full Name	D-3-phosphoglycerate dehydrogenase
NCBI Official Synonym Full Names	phosphoglycerate dehydrogenase
NCBI Official Symbol	PHGDH
NCBI Official Synonym Symbols	NLS; PDG; PGD; NLS1; PGAD; PGDH; SERA; 3PGDH; 3-PGDH; PHGDHD; HEL-S-113
NCBI Protein Information	D-3-phosphoglycerate dehydrogenase; epididymis secretory protein Li 113
UniProt Protein Name	D-3-phosphoglycerate dehydrogenase
UniProt Gene Name	PHGDH
UniProt Synonym Gene Names	PGDH3; 3-PGDH
UniProt Entry Name	SERA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/polyclonal/phgdh-antibody-immunofluorescence-elisa/179224>