

PHGDH Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS16193**Specification**

PHGDH Antibody (Internal) - Product Information

Application	IHC, WB
Primary Accession	O43175
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57kDa KDa

PHGDH Antibody (Internal) - Additional Information**Gene ID** 26227**Other Names**

D-3-phosphoglycerate dehydrogenase, 3-PGDH, 1.1.1.95, PHGDH, PGDH3

Target/Specificity

Human PHGDH

Reconstitution & Storage

Aliquot and freeze at -20° C. Avoid freeze-thaw cycles.

Precautions

PHGDH Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

PHGDH Antibody (Internal) - Protein Information**Name** PHGDH**Synonyms** PGDH3**Function**

Catalyzes the reversible oxidation of 3-phospho-D-glycerate to 3-phosphonooxypyruvate, the first step of the phosphorylated L- serine biosynthesis pathway. Also catalyzes the reversible oxidation of 2-hydroxyglutarate to 2-oxoglutarate and the reversible oxidation of (S)-malate to oxaloacetate.

Volume

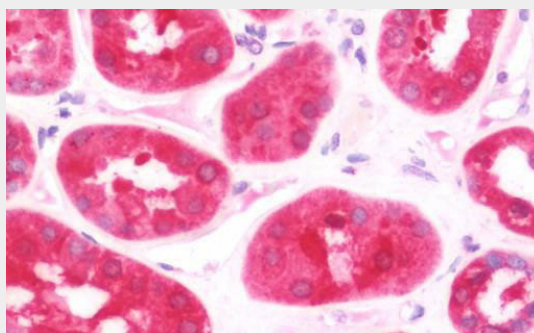
50 µl

PHGDH Antibody (Internal) - Protocols

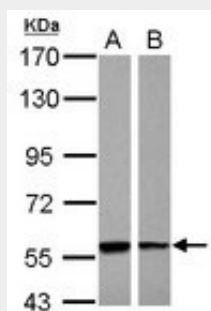
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PHGDH Antibody (Internal) - Images



Anti-PHGDH / PGDH antibody IHC staining of human kidney.



Sample (30 ug of whole cell lysate) A: A431 B: Raji 7.5% SDS PAGE PHGDH antibody diluted at 1:10000

PHGDH Antibody (Internal) - References

Cho H.M., et al. Gene 245:193-201(2000).
Klomp L.W.J., et al. Am. J. Hum. Genet. 67:1389-1399(2000).
Ebert L., et al. Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).
Gregory S.G., et al. Nature 441:315-321(2006).