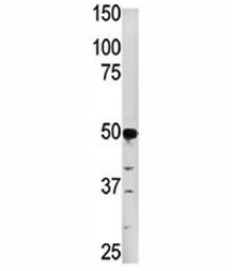
PGK2 Antibody / Phosphoglycerate kinase 2 (F50160)

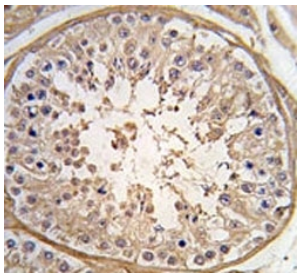
Catalog No.	Formulation	Size
F50160-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50160-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Primate
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P07205
Applications	Western blot: 1:1000 IHC (Paraffin): 1:50-1:100
Limitations	This PGK2 antibody is available for research use only.



Western blot analysis of PGK2 in HepG2 lysate.



IHC analysis of FFPE human testis tissue stained with PGK2 antibody

Description

PGK2 is a form of phosphoglycerate kinase unique to spermatozoa. The autosomal PGK2 gene lacks introns and contains characteristics of a processed gene. The conservation of function in this processed PGK2 gene and its tissue-specific expression in spermatogenesis suggests that it exists as a compensatory response to the inactivation of the X-linked PGK1 gene in spermatogenic cells before meiosis.

Application Notes

Titration of the PGK2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 117-145 from the human protein was used as the immunogen for this PGK2 antibody.

Storage

Aliquot the PGK2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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