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anti-PGK2 antibody (AA 117-145)

Images



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Background:

Quantity:	0.4 mL
Target:	PGK2
Binding Specificity:	AA 117-145
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PGK2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)
Product Details	
Immunogen:	A portion of amino acids 117-145 from the human protein was used as the immunogen for this PGK2 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Primate
Purification:	Purified
Target Details	
Target:	PGK2
Alternative Name:	PGK2 (PGK2 Products)

PGK2 is a form of phosphoglycerate kinase unique to spermatozoa. The autosomal PGK2 gene

Target Details

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.

UniProt:

P07205

Application Details

Application Notes:	n Notes: Titration of the PGK2 antibody may be required due to differences in protocols and	
	secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100	
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 PGK2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images

Western Blotting

Image 1. Western blot analysis of PGK2 in HepG2 lysate.

Western Blotting

Image 2. Western blot analysis of PGK2 in HepG2 lysate.