

ARG40812 anti-PGK2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PGK2
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PGK2
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 242-360 of Human PGK2 (NP_620061.2).
Conjugation	Un-conjugated
Alternate Names	EC 2.7.2.3; PGKB; Phosphoglycerate kinase, testis specific; HEL-S-272; dJ417L20.2; Phosphoglycerate kinase 2; PGKPS

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Jurkat	
Observed Size	44 kDa	

Properties

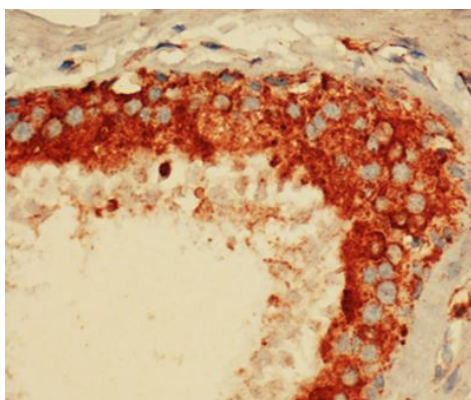
Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

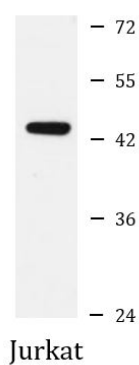
Gene Symbol	PGK2
Gene Full Name	phosphoglycerate kinase 2
Background	This gene is intronless, arose via retrotransposition of the phosphoglycerate kinase 1 gene, and is expressed specifically in the testis. Initially assumed to be a pseudogene, the encoded protein is actually a functional phosphoglycerate kinase that catalyzes the reversible conversion of 1,3-bisphosphoglycerate to 3-phosphoglycerate, during the Embden-Meyerhof-Parnas pathway of glycolysis, in the later stages of spermatogenesis.[provided by RefSeq, May 2010]
Calculated Mw	45 kDa
Cellular Localization	Cytoplasm. [UniProt]

Images



ARG40812 anti-PGK2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human mammary cancer stained with ARG40812 anti-PGK2 antibody at 1:100 dilution.



ARG40812 anti-PGK2 antibody WB image

Western blot: 25 µg of Jurkat cell lysate stained with ARG40812 anti-PGK2 antibody at 1:3000 dilution.