

Product datasheet for **TA379846**

PGK2 Rabbit Polyclonal Antibody

Product data:

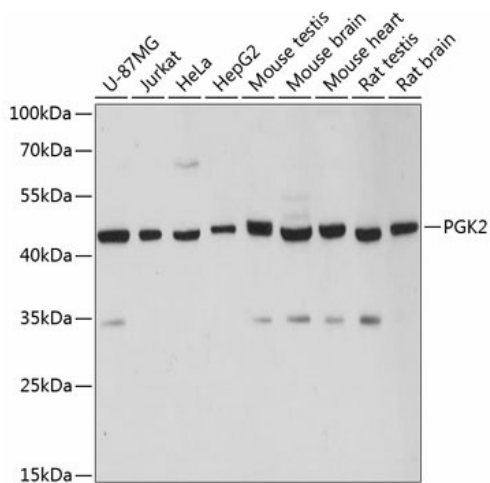
Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB,1:500 - 1:2000 IHC,1:50 - 1:100 IF,1:50 - 1:100
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 242-360 of human PGK2 (NP_620061.2).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	44kDa
Gene Name:	phosphoglycerate kinase 2
Database Link:	Entrez Gene 5232 Human P07205
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.



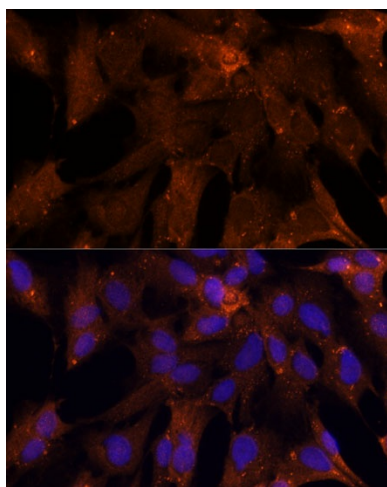
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Synonyms: dj417L20.2; PGK-2; PGKB; PGKPS

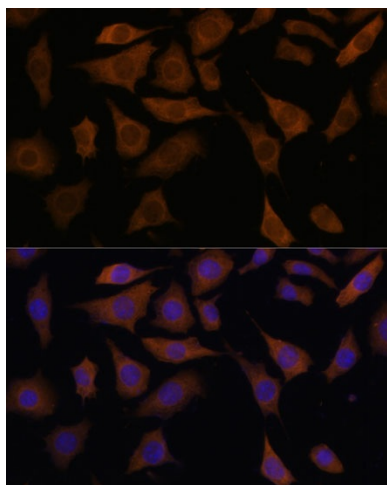
Product images:



Western blot analysis of extracts of various cell lines, using PGK2 antibody (TA379846) at 1:3000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 5s.



Immunofluorescence analysis of C6 cells using PGK2 Polyclonal Antibody (TA379846) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using PGK2 Polyclonal Antibody (TA379846) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.