

Anti-PGK1 antibody (1-417) (STJ115974)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

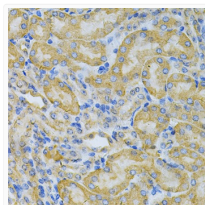
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:100-1:500 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 45kDa Observed Mw: 45kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

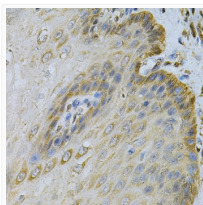
Gene ID	5230
Gene Symbol	PGK1
UniProt ID	PGK1_HUMAN
Immunogen Region	1-417
Immunogen Sequence	MSLSNKLTLDKLDVKGKRVV MRVDFNVPKNNQITNNQRI KAAVPSIKFCLDNGAKSVVL MSHLGRPDGVPMPDKYSLEP VAVELKSLGKDVLFKDCV GPEVEKACANPAAGSVILLE NLRHFVEEEGKGKDASGNKV KAEPKIEAFRASLSKLGDV YVNDAFGTAHRAHSSMVGVN LPQKAGGFLMKELNYFAKA LESPFRPFLAILGGAKVADK IQLINNMLDKVNEMIIGGG
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-417 of human PGK1 (NP_000282.1).

ADDITIONAL INFORMATION

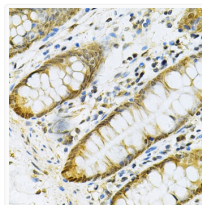
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.
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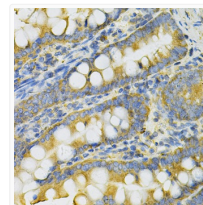
Immunohistochemistry analysis of paraffin-embedded mouse kidney using PGK1 Antibody (STJ115974) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



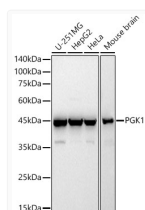
Immunohistochemistry analysis of paraffin-embedded human esophagus using PGK1 Antibody (STJ115974) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human colon using PGK1 Antibody (STJ115974) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat intestine using PGK1 Antibody (STJ115974) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates, using PGK1 antibody (STJ115974) at 1:400 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.