

For Research Use Only

TXK Polyclonal antibody

Catalog Number: 18981-1-AP

1 Publications



Basic Information

Catalog Number:

18981-1-AP

Size:

150ul, Concentration: 550 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_003328

GeneID (NCBI):

7294

UNIPROT ID:

P42681

Full Name:

TXK tyrosine kinase

Calculated MW:

61 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:20-1:200

IF/ICC 1:10-1:100

Applications

Tested Applications:

IHC, IF/ICC, ELISA

Cited Applications:

IHC

Species Specificity:

human

Cited Species:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : human lymphoma tissue,

IF/ICC : Hela cells, HepG2 cells

Background Information

TXK, also named as PTK4, is an enzyme that transfer a phosphate group from a phosphate donor, generally the γ phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation.

Notable Publications

Author	Pubmed ID	Journal	Application
Yunshu Zhu	37760841	Biomedicines	IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

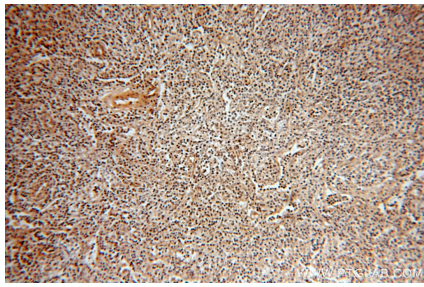
For technical support and original validation data for this product please contact:

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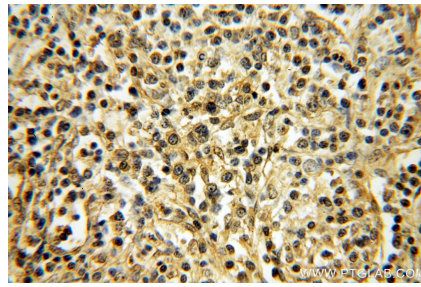
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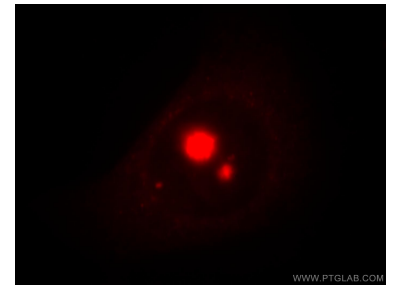
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human lymphoma using 18981-1-AP (TXK antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human lymphoma using 18981-1-AP (TXK antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of HeLa cells, using TXK antibody 18981-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).