

For Research Use Only

TXK Polyclonal antibody

Catalog Number: 18981-1-AP **1 Publications**



Basic Information

| | | |
|--|---|--|
| Catalog Number: 18981-1-AP | GenBank Accession Number: NM_003328 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 550 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 7294 | Recommended Dilutions: IHC 1:20-1:200 IF 1:10-1:100 |
| Source: Rabbit | Full Name: TXK tyrosine kinase | |
| Isotype: IgG | Calculated MW: 61 kDa | |

Applications

| | |
|---|---|
| Tested Applications: IF, IHC, ELISA | Positive Controls: IHC : human lymphoma tissue, IF : HeLa cells, HepG2 cells |
| 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

Background Information

TXK, also named as PTK4, is an enzyme that transfer a phosphate group from a phosphate donor, generally the 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

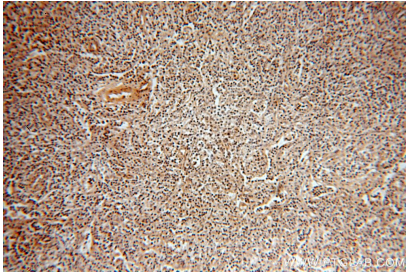
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

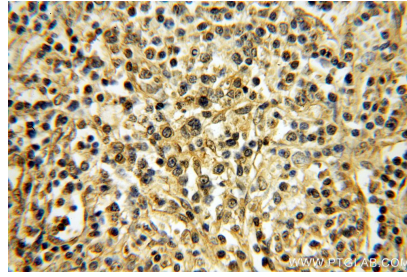
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

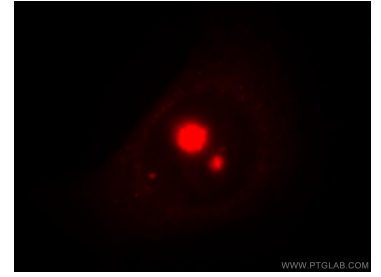
Selected Validation Data



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).