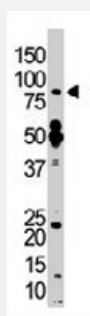


TTK polyclonal antibody

Catalog # PAB3320

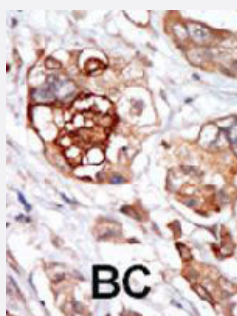
Size 400 uL

Applications



Western Blot (Cell lysate)

The TTK polyclonal antibody (Cat # PAB3320) is used in Western blot to detect TTK in Jurkat cell lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with TTK polyclonal antibody (Cat # PAB3320), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma.

Specification

| | |
|----------------------------|---|
| Product Description | Rabbit polyclonal antibody raised against synthetic peptide of TTK. |
| Immunogen | A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human TTK. |
| Host | Rabbit |
| Reactivity | Human |
| Form | Liquid |
| Purification | Protein G purification |

| | |
|----------------------------|--|
| Recommend Usage | Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-100) Western Blot (1:1000) The optimal working dilution should be determined by the end user. |
| Storage Buffer | In PBS (0.09% sodium azide) |
| Storage Instruction | Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing. |
| Note | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

Applications

- Western Blot (Cell lysate)

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Gene Info — TTK

| | |
|---------------------------|---|
| Entrez GeneID | 7272 |
| Protein Accession# | TTK_HUMAN |
| Gene Name | TTK |
| Gene Alias | ESK, FLJ38280, MPS1, MPS1L1, PYT |
| Gene Description | TTK protein kinase |
| Omim ID | 604092 |
| Gene Ontology | Hyperlink |
| Other Designations | phosphotyrosine picked threonine kinase (PYT) |

Publication Reference

- [Immunohistochemical validation of COL3A1, GPR158 and PITHD1 as prognostic biomarkers in early-stage ovarian carcinomas.](#)

Engqvist H, Parris TZ, Kovács A, Nemes S, Werner Rönnerman E, De Lara S, Biermann J, Sundfeldt K, Karlsson P, Helou K.
BMC Cancer 2019 Sep; 19(1):928.

Application: IHC-P, Human, Ovarian tumor

- [Expression of TTK, a novel human protein kinase, is associated with cell proliferation.](#)

Mills GB, Schmandt R, McGill M, Amendola A, Hill M, Jacobs K, May C, Rodricks AM, Campbell S, Hogg D.
The Journal of Biological Chemistry 1992 Aug; 267(22):16000.

Application: IP, Human, Jurkat cells

Pathway

- [Cell cycle](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)