

Tk1 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI14305**Specification**

Tk1 antibody - middle region - Product Information

Application	WB
Primary Accession	P04184
Other Accession	NM_009387.2 , NP_033413.2
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26kDa KDa

Tk1 antibody - middle region - Additional Information**Gene ID** 21877

Alias Symbol	D530002A18Rik, Tk-1, Tk1a, Tk1b
Other Names	
Thymidine kinase, cytosolic, 2.7.1.21, Tk1, Tk-1	

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Tk1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Tk1 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Tk1 antibody - middle region - Protein Information**Name** Tk1**Synonyms** Tk-1**Function**

Cell-cycle-regulated enzyme of importance in nucleotide metabolism. Catalyzes the first enzymatic step in the salvage pathway converting thymidine into thymidine monophosphate. Transcriptional regulation limits expression to the S phase of the cell cycle and transient expression coincides with the oscillation in the intracellular dTTP concentration.

Cellular Location

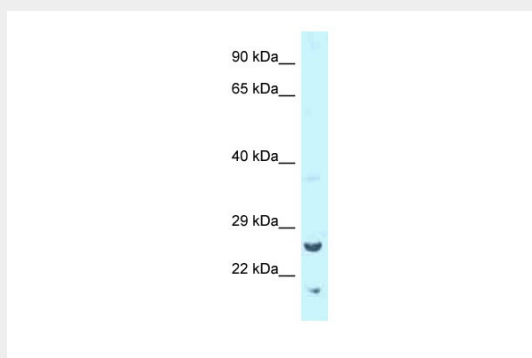
Cytoplasm.

Tk1 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Tk1 antibody - middle region - Images



WB Suggested Anti-Tk1 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse liver

Tk1 antibody - middle region - References

Lin P.-F., et al. Mol. Cell. Biol. 5:3149-3156(1985).
Wintersberger E., et al. Adv. Enzyme Regul. 32:241-254(1992).
Gudas J.M., et al. Gene 118:205-216(1992).
Liechty M.C., et al. Mutat. Res. 286:299-307(1993).
Carninci P., et al. Science 309:1559-1563(2005).