

# TNK1 (Phospho Tyr277) Rabbit pAb

CatalogNo: YP1532

## Key Features

### Host Species

- Rabbit

### Reactivity

- Human, Mouse, Rat

### Applications

- WB

### MW

- 75kD (Observed)

### Isotype

- IgG

## Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

## Recommended Dilution Ratios

WB 1:1000-2000

## Basic Information

**Clonality** Polyclonal

## Immunogen Information

**Immunogen** Synthesized phospho peptide around human TNK1 (Tyr277)

**Specificity** This antibody detects endogenous levels of Human TNK1 (phospho-Tyr277)

## Target Information

**Gene name** TNK1

**Protein Name** TNK1 (Tyr277)

Organism	Gene ID	UniProt ID
Human	<a href="#">8711</a> ;	<a href="#">Q13470</a> ;
Mouse	<a href="#">83813</a> ;	<a href="#">Q99ML2</a> ;

**Cellular Localization** Cytoplasm . Membrane ; Peripheral membrane protein .

**Tissue specificity** Expressed in all umbilical cord blood , bone marrow and adult blood cell sub-populations and in several leukemia cell lines. Highly expressed in fetal blood , brain , lung , liver and kidney. Detected at lower levels in adult prostate , testis , ovary , small intestine and colon. Not expressed in adult lung , liver , kidney or brain.

**Function** Catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate. ,Function:Involved in negative regulation of cell growth. Has tumor suppressor properties. Plays a negative regulatory role in the Ras-MAPK pathway. May function in signaling pathways utilized broadly during fetal development and more selectively in adult tissues and in cells of the lymphohematopoietic system. Could specifically be involved in phospholipid signal transduction. ,PTM:Autophosphorylated on tyrosine residues. ,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. ,similarity:Contains 1 protein kinase domain. ,similarity:Contains 1 SH3 domain. ,subunit:Interacts with the SH3 domain of PLCG1 via its Pro-rich domain. ,tissue specificity:Expressed in all umbilical cord blood , bone marrow and adult blood cell sub-populations and in several leukemia cell lines. Highly expressed in fetal blood , brain , lung , liver and kidney. Detected at lower levels in adult prostate , testis , ovary , small intestine and colon. Not expressed in adult lung , liver , kidney or brain. ,

## | Validation Data

## | Contact information

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