

A21300

Leader in Biomolecular Solutions for Life Science



# TNK1 Rabbit pAb

Catalog No.: A21300

## Basic Information

### Observed MW

72kDa

### Calculated MW

72kDa

### Category

Polyclonal Antibody

### Applications

WB, ELISA

### Cross-Reactivity

Human

## Background

The protein encoded by this gene belongs to the tyrosine protein kinase family. Tyrosine protein kinases are important regulators of intracellular signal transduction pathways, mediating cellular proliferation, survival, and development. This gene is highly expressed in fetal tissues and at lower levels in few adult tissues, thus may function in signaling pathways utilized broadly during fetal development, and more selectively in adult tissues. It plays a negative regulatory role in the Ras-Raf1-MAPK pathway, and knockout mice have been shown to develop spontaneous tumors, suggesting a role as a tumor suppressor gene. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

8711

### Swiss Prot

Q13470

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 100-380 of human TNK1 (NP\_001238831.1).

### Synonyms

KOS1; TNK1

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

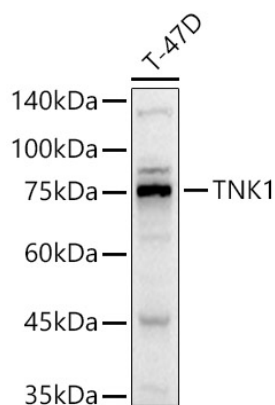
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Validation Data

---



Western blot analysis of extracts of T-47D cells, using TNK1 antibody (A21300) at 1:600 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 60s.