

# TNK2 Rabbit pAb

Catalog No.: A25232

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

115kDa

### Category

Primary antibody

### Applications

ELISA,IF/ICC

### Cross-Reactivity

Human, Mouse

## Background

This gene encodes a tyrosine kinase that binds Cdc42Hs in its GTP-bound form and inhibits both the intrinsic and GTPase-activating protein (GAP)-stimulated GTPase activity of Cdc42Hs. This binding is mediated by a unique sequence of 47 amino acids C-terminal to an SH3 domain. The protein may be involved in a regulatory mechanism that sustains the GTP-bound active form of Cdc42Hs and which is directly linked to a tyrosine phosphorylation signal transduction pathway. Several alternatively spliced transcript variants have been identified from this gene, but the full-length nature of only two transcript variants has been determined.

## Recommended Dilutions

IF/ICC 1:50 - 1:200

## Immunogen Information

### Gene ID

10188

### Swiss Prot

Q07912

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 939-1038 of human TNK2 (NP\_005772.3).

### Synonyms

ACK; ACK1; ACK-1; p21cdc42Hs; TNK2

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

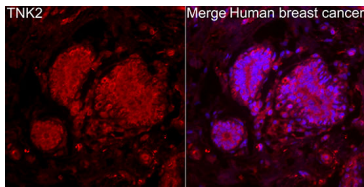
### Storage

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

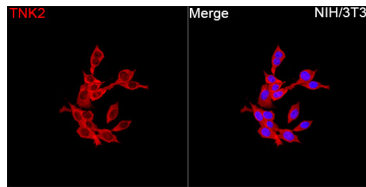
Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

## Validation Data

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Immunofluorescence analysis of paraffin-embedded Human breast cancer tissue using TNK2 Rabbit pAb (A25232) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



Immunofluorescence analysis of NIH/3T3 cells using TNK2 Rabbit pAb (A25232) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.