

Datasheet for ABIN7301390  
**anti-TNK2 antibody (pTyr284)**

## 3 Images

[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	TNK2
Binding Specificity:	pTyr284
Reactivity:	Human, Mouse, Rat, Cow, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNK2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

## Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ACK1 (pY284).
Specificity:	Recognizes endogenous levels of ACK1 (pY284) protein.
Characteristics:	Rabbit polyclonal antibody to ACK1 (pY284)
Purification:	The antibody was purified by immunogen affinity chromatography.

## Target Details

Target:	TNK2
Alternative Name:	ACK1 ( <a href="#">TNK2 Products</a> )

## Target Details

Background:	ACK1, Activated CDC42 kinase 1, ACK-1, Tyrosine kinase non-receptor protein 2
Gene ID:	10188, 51789, 303882
UniProt:	<a href="#">Q07912</a> , <a href="#">O54967</a> , <a href="#">Q5U2X5</a>

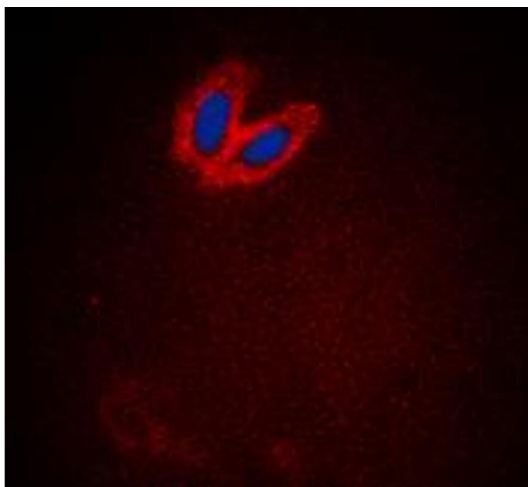
## Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)
Restrictions:	For Research Use only

## Handling

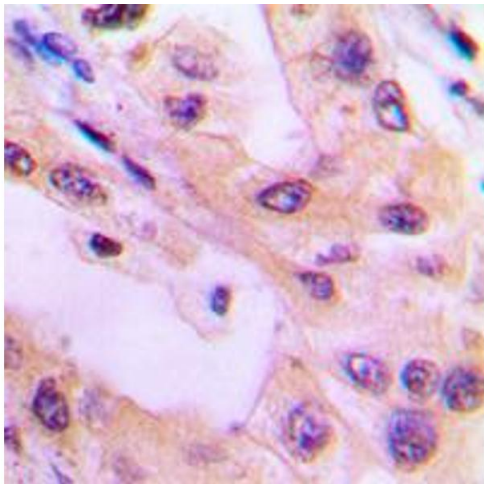
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

## Images



### Immunofluorescence

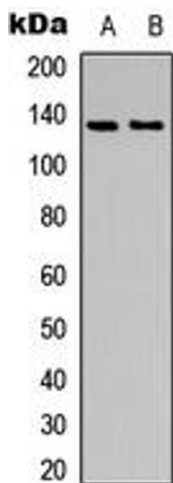
**Image 1.** Immunofluorescent analysis of ACK1 (pY284) staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI



was used to stain the cell nuclei (blue).

### Immunohistochemistry

**Image 2.** Immunohistochemical analysis of ACK1 (pY284) staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



### Western Blotting

**Image 3.** Western blot analysis of ACK1 (pY284) expression in SHSY5Y (A), HeLa (B) whole cell lysates.