

Datasheet for ABIN3029094  
**anti-TBK1 antibody (AA 150-181)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	0.4 mL
Target:	TBK1
Binding Specificity:	AA 150-181
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TBK1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	A portion of amino acids 150-181 from the human protein was used as the immunogen for this TBK1 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Xenopus
Purification:	Antigen affinity purified

## Target Details

Target:	TBK1
Alternative Name:	TBK1 ( <a href="#">TBK1 Products</a> )
Background:	The NF-kappa-B (NFKB) complex of proteins is inhibited by I-kappa-B (IKB) proteins, which

## Target Details

inactivate NFkB by trapping it in the cytoplasm. Phosphorylation of serine residues on the IKB proteins by IKB kinases marks them for destruction via the ubiquitination pathway, thereby allowing activation and nuclear translocation of the NFkB complex. TKB is similar to IKB kinases and can mediate NFkB activation in response to certain growth factors. The protein can form a complex with the IKB protein TANK and TRAF2 and release the NFkB inhibition caused by TANK.

UniProt: [Q9UHD2](#)

Pathways: [TLR Signaling](#), [Activation of Innate immune Response](#), [Hepatitis C](#), [Toll-Like Receptors Cascades](#), [SARS-CoV-2 Protein Interactome](#)

## Application Details

Application Notes: Titration of the TBK1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50

Restrictions: For Research Use only

## Handling

Format: Liquid

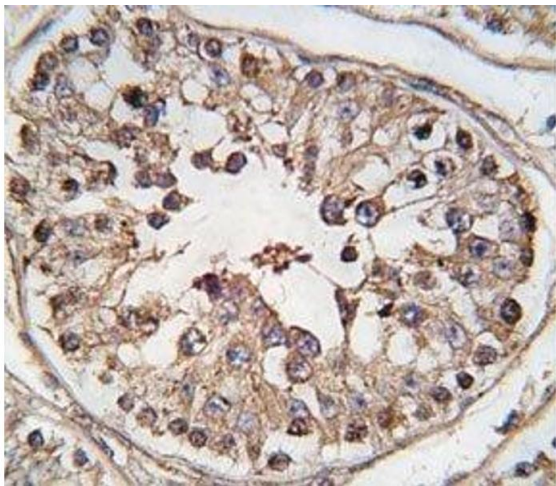
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

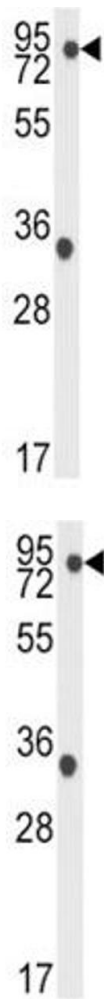
Storage: -20 °C

Storage Comment: Aliquot the TBK1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Immunohistochemistry

**Image 1.** IHC analysis of FFPE human testis tissue stained with TBK antibody



Western Blotting

**Image 2.** Western blot analysis of TBK1 antibody and K562 lysate. Predicted molecular weight: ~84 kDa.

Western Blotting

**Image 3.** Western blot analysis of TBK1 antibody and K562 lysate. Predicted molecular weight: ~84 kDa.