

Datasheet for ABIN3029095
anti-TBK1 antibody (C-Term)

5 Images

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Overview

Quantity:	100 µg
Target:	TBK1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TBK1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	An amino acid sequence from the C-terminus of human TANK-binding kinase 1 (YNEEQIHKFDKQKL) was used as the immunogen for this TBK1 antibody (100% homologous in human, mouse and rat).
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	TBK1
Alternative Name:	TBK1 (TBK1 Products)
Background:	Serine/threonine-protein kinase TANK-binding kinase 1 or NF-kappa-B-activating kinase is an enzyme that in humans is encoded by the TBK1 gene. The gene was assigned to human

Target Details

chromosome 12q14.2. Serine/threonine kinases plays an essential role in regulating inflammatory responses to foreign agents. TBK1 and NF-kappa-B signaling are essential in KRAS mutant tumors, and established a general approach for the rational identification of codependent pathways in cancer.

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: The stated application concentrations are suggested starting amounts. Titration of the TBK1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL

Restrictions: For Research Use only

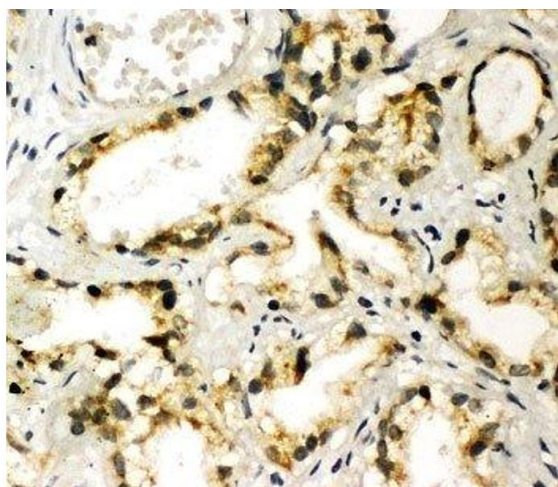
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

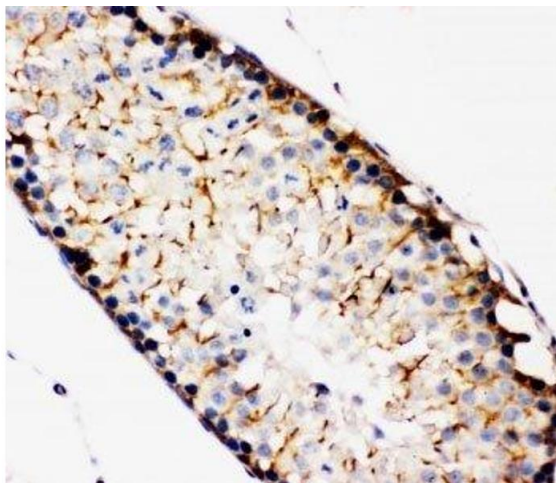
Storage Comment: After reconstitution, the TBK1 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Immunohistochemistry

Image 1. IHC-P: TBK1 antibody testing of human prostate cancer tissue



Immunohistochemistry

Image 2. IHC-P: TBK1 antibody testing of rat testis tissue



Western Blotting

Image 3. Western blot testing of TBK1 antibody and Lane 1: HeLa; 2: rat testis; 3: rat liver; Predicted molecular weight: ~84 kDa.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3029095.