

Datasheet for ABIN3029093
anti-TBK1 antibody (AA 8-35)



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2 Images

Overview

Quantity:	0.4 mL
Target:	TBK1
Binding Specificity:	AA 8-35
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TBK1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 8-35 from the mouse protein was used as the immunogen for this Tbk1 antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	TBK1
Alternative Name:	Tbk1 (TBK1 Products)
Background:	Serine/threonine protein involved in the signaling cascade converging to the activation of the transcription factor NF-kappa-B. May function as an IKK kinase, playing an essential role in the transcription of a subset of a TNF-alpha-induced genes. Also mediates production of

Target Details

RANTES/CCL5 and interferon-beta/IFNB1. Has a pivotal role in the innate immune response. Phosphorylates and activates IRF3 and IRF7 and allows their nuclear localization. This leads to production of alpha/beta interferons and the development of a cellular antiviral state. It also seems to be a central factor in the induction of the antiviral interferon response.

UniProt: [Q9WUN2](#)

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

Restrictions: For Research Use only

Handling

Format: Liquid

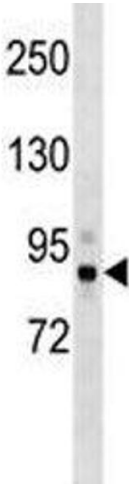
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

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

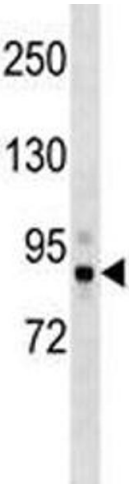
Storage: -20 °C

Storage Comment: Aliquot the Tbk1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. Tbk1 antibody western blot analysis in mouse cerebellum tissue lysate. Predicted molecular weight: ~84 kDa.



Western Blotting

Image 2. Tbk1 antibody western blot analysis in mouse cerebellum tissue lysate. Predicted molecular weight: ~84 kDa.