

Datasheet for ABIN1539557
anti-TBK1 antibody (N-Term)



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1 Image

Overview

Quantity:	400 µL
Target:	TBK1
Binding Specificity:	AA 8-35, N-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TBK1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This Mouse Tbk1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 8-35 amino acids from the N-terminal region of mouse Tbk1.
Clone:	RB37152
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	TBK1
Alternative Name:	Tbk1 (TBK1 Products)
Background:	Serine/threonine protein involved in the signaling cascade converging to the activation of the

Target Details

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 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.

Molecular Weight: 83425

Gene ID: 56480

NCBI Accession: [NP_062760](#)

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: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

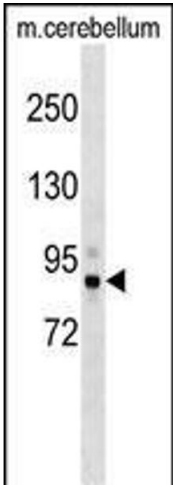
Preservative: Sodium azide

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

Storage: 4 °C,-20 °C

Storage Comment: Mouse Tbk1 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. Mouse Tbk1 Antibody (N-term) (ABIN1539557 and ABIN2848949) western blot analysis in mouse cerebellum tissue lysates (35 µg/lane). This demonstrates the Tbk1 antibody detected the Tbk1 protein (arrow).