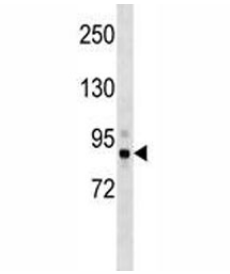
Tbk1 Antibody (F45532)

Catalog No.	Formulation	Size
F45532-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F45532-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q9WUN2
Applications	Western blot: 1:1000
Limitations	This Tbk1 antibody is available for research use only.



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

Description

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 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.

Application Notes

Titration of the Tbk1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 8-35 from the mouse protein was used as the immunogen for this Tbk1 antibody.

Storage

Aliquot the Tbk1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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