

Phospho-TIFA-T9 Rabbit mAb

Catalog No.: AP1604 **Recombinant**

Basic Information

Observed MW

21 kDa

Calculated MW

21 kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse

CloneNo number

ARC78626

Background

This gene encodes an adapter protein involved in adaptive and innate immunity. This protein includes a forkhead-associated (FHA) domain that specifically binds to phosphorylated serine and threonine residues. In response to bacterial infection, the encoded host cell protein undergoes an intermolecular interaction between the FHA domain and a phosphorylated threonine that leads to protein oligomerization and stimulation of the NF-kappa B and other downstream signaling pathways. This protein exhibits reduced expression in hepatocellular carcinoma and may suppress hepatocellular carcinoma progression. This protein may also play a role in the DNA damage response.

Recommended Dilutions

WB 1:1000-1:20000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000) a sequential dilution method is strongly recommended to ensure measurement accuracy.

Contact

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Immunogen Information

Gene ID

92610

Swiss Prot

Q96CG3

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

T2BP; T6BP; TIFAA; Phospho-TIFA-T9

Product Information

Source

Rabbit

Isotype

IgG

Purification

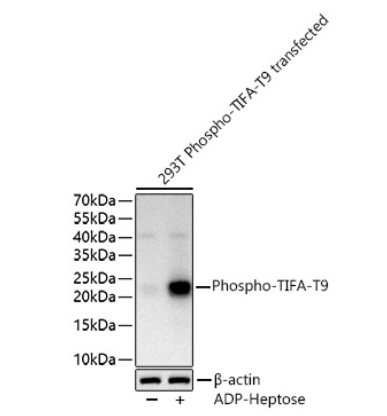
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

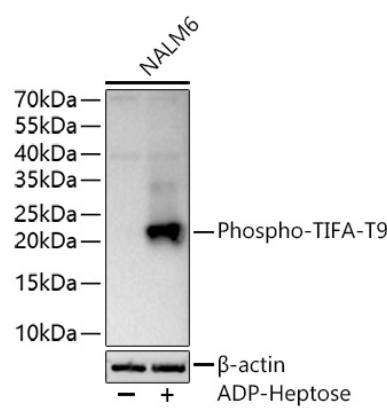
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



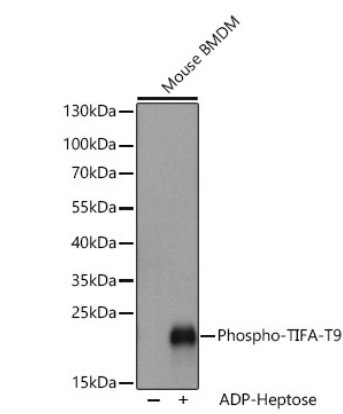
Western blot analysis of lysates from 293T transfected with Phospho-TIFA-T9 (Human) cells using Phospho-TIFA-T9 Rabbit mAb (AP1604) at 1:10000 dilution incubated overnight at 4°C. 293T transfected with Phospho-TIFA-T9 (Human) were treated with ADP-Heptose(10uM) at 37°C for 2 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1 s.

WB samples for antibody validation are kindly provided by Dr. Feng Shao, NIBS



Western blot analysis of lysates from NALM6 cells using Phospho-TIFA-T9 Rabbit mAb (AP1604) at 1:10000 dilution incubated overnight at 4°C. NALM6 cells were treated with ADP-Heptose(10uM) at 37°C for 2 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 20 s.

WB samples for antibody validation are kindly provided by Dr. Feng Shao, NIBS



Western blot analysis of lysates from Mouse BMDM cells using Phospho-TIFA-T9 Rabbit mAb (AP1604) at 1:1000 dilution incubated at room temperature for 2 hours. Mouse BMDM cells were treated with ADP-Heptose(10uM) at 37°C for 2 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Blocking buffer: 5% nonfat dry milk in TBST. Detection: Revvity western lightning plus ECL. Exposure time: 30 s.

WB samples for antibody validation are kindly provided by Dr. Feng Shao, NIBS