

A Reliable Research Partner in Life Science and Medicine

Recombinant ATF-4 Monoclonal Antibody

catalog number: AN301041L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human; Mouse; Rat

Immunogen Recombinant Human ATF-4 protein

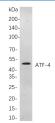
HostRabbitIsotype IgG,κ CloneB792PurificationProtein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

IHC 1:100-1:200 WB 1:1000-1:5000

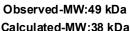
Data

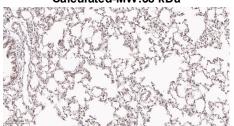


ATF-4

Western Blot with Recombinant ATF-4 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: Hela cells.

Immunohistochemistry of paraffin-embedded mouse lung tissue using Recombinant ATF-4 Monoclonal Antibody at dilution of 1:200.





Immunohistochemistry of paraffin-embedded rat lung tissue using Recombinant ATF-4 Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

Background

For Research Use Only

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Activating transcription factor 4(ATF4) Homo sapiens This gene encodes a transcription factor that was originally identified as a widely expressed mammalian DNA binding protein that could bind a tax-responsive enhancer element in the LTR of HTLV-1. The encoded protein was also isolated and characterized as the cAMP-response element binding protein 2 (CREB-2). The protein encoded by this gene belongs to a family of DNA-binding proteins that includes the AP-1 family of transcription factors, cAMP-response element binding proteins (CREBs) and CREB-like proteins. These transcription factors share a leucine zipper region that is involved in protein-protein interactions, located C-terminal to a stretch of basic amino acids that functions as a DNA binding domain. Two alternative transcripts encoding the same protein have been described. Two pseudogenes are located on the X chromosome at q28 in a region containing a large inverted duplication.

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