



Datasheet for ABIN7270742
anti-TAX1BP3 antibody



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2 Images

Overview

Quantity:	100 µL
Target:	TAX1BP3
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This TAX1BP3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	TAX1BP3 Rabbit mAb
Immunogen:	A synthesized peptide derived from human TAX1BP3
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	TAX1BP3
Alternative Name:	TAX1BP3 (TAX1BP3 Products)
Background:	This gene encodes a small, highly conserved protein with a single PDZ domain. PDZ (PSD-

Target Details

95/Discs large/ZO-1 homologous) domains promote protein-protein interactions that affect cell signaling, adhesion, protein scaffolding, and receptor and ion transporter functions. The encoded protein interacts with a large number of target proteins that play roles in signaling pathways, for example, it interacts with Rho A and glutaminase L and also acts as a negative regulator of the Wnt/beta-catenin signaling pathway. This protein was first identified as binding to the T-cell leukaemia virus (HTLV1) Tax oncoprotein. Overexpression of this gene has been implicated in altered cancer cell adhesion, migration and metastasis. The encoded protein also modulates the localization and density of inwardly rectifying potassium channel 2.3 (Kir2.3). To date, this protein has been shown to play a role in cell proliferation, development, stress response, and polarization. Alternative splicing results in multiple transcript variants encoding distinct isoforms.,TIP-1, TIP1,Epigenetics & Nuclear Signaling,G protein signaling,G protein signaling_Small G proteins,Signal Transduction,Stem Cells,TAX1BP3

Molecular Weight: 14kDa

Gene ID: 30851

UniProt: [O14907](#)

Pathways: [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

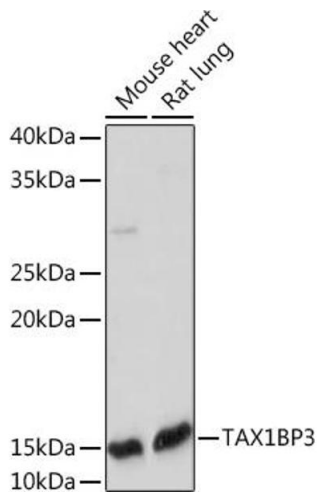
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

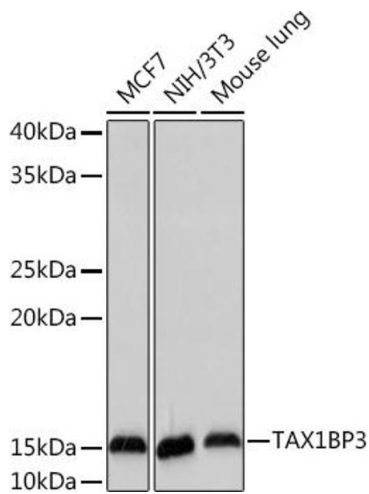
Storage: -20 °C

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



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using TBP3 Rabbit mAb (ABIN7270742) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 180s.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using TBP3 Rabbit mAb (ABIN7270742) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.