



TRPC4AP Mouse mAb

Catalog No	YP-mAb-18948
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	
Gene Name	
Immunogen	Synthesized peptide derived from human TRPC4AP
Specificity	This antibody detects endogenous levels of TRPC4AP at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal,Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	C2orf188;TRPC4AP;Chromosome 2 open reading frame 188;Protein TAP1; Protein TRUSS;Short transient receptor potential channel 4 associated protein; Short transient receptor potential channel 4-associated protein;TAP1 protein; TNF receptor ubiquitous scaffolding/signaling protein;TNF-receptor ubiquitous scaffolding/signaling protein;TP4AP_HUMAN;Transient receptor potential cation channel;subfamily C;member 4 associated protein;Trp4 associated protein;Trp4-associated protein;Trpc4 associated protein;Trpc4-associated protein;TRRP4AP; TRUSS;Tumor necrosis factor receptor-associated ubiquitous scaffolding and signaling protein;TRPC4AP C20orf188 TRRP4AP;Short transient receptor potential channel 4-associated protein (Trp4-associated protein) (Trpc4-associated protein) (Protein TAP1) (TNF-receptor ubiquitous scaffolding/signaling protein) (Protein TRUSS)
Observed Band	
Calculated Molecular Weight	91 kDa; 91kD(Calculated).
Cell Pathway	Cytoplasm, perinuclear region .
Tissue Specificity	

**Function**

Substrate-recognition component of a DCX (DDB1-CUL4-X-box) E3 ubiquitin-protein ligase complex required for cell cycle control . The DCX(TRPC4AP) complex specifically mediates the polyubiquitination and subsequent degradation of MYC as part of the DesCEND (destruction via C-end degrons) pathway . The DesCEND (destruction via C-end degrons) pathway recognizes a C-degron located at the extreme C terminus of target proteins, leading to their ubiquitination and degradation . The DCX(TRPC4AP) complex specifically recognizes proteins with an arginine at the minus 3 position (R-3 motif) at the C-terminus, such as MYC, leading to their ubiquitination and degradation . Also participates in the activation of NFKB1 in response to ligation of TNFRSF1A, possibly by linking TNFRSF1A to the IKK signalosome (By similarity). Involved in JNK activation via its interaction with TRAF2 (By similarity). Also involved in elevation of endoplasmic reticulum Ca(2+) storage reduction in response

Background**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images