



WWP1 mouse mAb

Catalog No	YP-mAb-17276
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	WWP1
Immunogen	Synthesized peptide derived from human N-terminal WWP1
Specificity	This antibody detects endogenous levels of WWP1 at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Mouse, Monoclonal
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	AIP5;Atrophin-1-interacting protein 5;EC:2.3.2.26;HECT-type E3 ubiquitin transferase WWP1;hSDRP1;WWP1;NEDD4-like E3 ubiquitin-protein ligase WWP1 (EC 6.3.2.-) (Atrophin-1-interacting protein 5) (AIP5) (TGIF-interacting ubiquitin ligase 1) (Tiul1) (WW domain-containing protein 1)
Observed Band	95-105 kDa
Calculated Molecular Weight	922 aa, 105 kDa
Cell Pathway	Cytoplasm . Cell membrane ; Peripheral membrane protein . Nucleus .
Tissue Specificity	Detected in heart, placenta, pancreas, kidney, liver, skeletal muscle, bone marrow, fetal brain, and at much lower levels in adult brain and lung. Isoform 1 and isoform 5 predominate in all tissues tested, except in testis and bone marrow, where isoform 5 is expressed at much higher levels than isoform 1.
Function	E3 ubiquitin-protein ligase which accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Ubiquitinates ERBB4 isoforms JM-A CYT-1 and JM-B CYT-1, KLF2, KLF5 and TP63 and promotes their proteasomal degradation. Ubiquitinates RNF11 without targeting it for degradation. Ubiquitinates and promotes degradation of TGFBR1; the ubiquitination is enhanced by SMAD7. Ubiquitinates SMAD6 and SMAD7. Ubiquitinates and



promotes degradation of SMAD2 in response to TGF-beta signaling, which requires interaction with TGIF.

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