ARG44769
anti-WWP1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes WWP1
Tested Reactivity	Hu
Tested Application	IP
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Target Name	WWP1
Species	Human
Conjugation	Un-conjugated
Alternate Names	NEDD4-like E3 ubiquitin-protein ligase WWP1; WW domain-containing protein 1; EC 6.3.2.-; Atrophin-1-interacting protein 5; Tiul1; hSDRP1; AIP5; TGIF-interacting ubiquitin ligase 1

Application Instructions

Application table

Application	Dilution
IP	10 µg/mL

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Protein A purification
Buffer	PBS with 0.09% sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	WWP1
Gene Full Name	WW domain containing E3 ubiquitin protein ligase 1
Background	WW domain-containing proteins are found in all eukaryotes and play an important role in the regulation of a wide variety of cellular functions such as protein degradation, transcription, and RNA

	splicing. This gene encodes a protein which contains 4 tandem WW domains and a HECT (homologous to the E6-associated protein carboxyl terminus) domain. The encoded protein belongs to a family of NEDD4-like proteins, which are E3 ubiquitin-ligase molecules and regulate key trafficking decisions, including targeting of proteins to proteosomes or lysosomes. Alternative splicing of this gene generates at least 6 transcript variants; however, the full length nature of these transcripts has not been defined. [provided by RefSeq, Jul 2008]
Function	Regulates actin polymerization by stimulating the actin-nucleating activity of the Arp2/3 complex. Involved in mitosis and cytokinesis, via its role in the regulation of actin polymerization. Binds to HSF1/HSTF1 and forms a complex on heat shock promoter elements (HSE) that negatively regulates HSP90 expression. [UniProt]
Calculated Mw	105 kDa
PTM	Auto-ubiquitinated and ubiquitinated by RNF11. [UniProt]
Cellular Localization	Cytoplasm. Cell membrane; Peripheral membrane protein. Nucleus. [UniProt]