

Immunotag™ WWP1 Antibody

Antibody Specification	
Catalog No.	ITA3160
Product Description	Immunotag™ WWP1 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	WWP1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC
Recommended Dilution	WB 1:500-1:2000, IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human WWP1.
Specificity	WWP1 antibody detects endogenous levels of WWP1.
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	WWP1
Accession No.	Q9H0M0
Alternate Names	AIP 5; AIP5; Atropin-1-interacting protein 5; hSDRP1; Nedd 4 like ubiquitin protein ligase; nedd4 like; NEDD4-like E3 ubiquitin-protein ligase WWP1; TGIF interacting ubiquitin ligase 1; Tiul1; WW domain containing E3 ubiquitin protein ligase 1; WW domain-containing protein 1; WWP 1;

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Description	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.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	95 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.