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anti-WWP1 antibody (N-Term)





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Target:

Quantity:	100 μL	
Target:	WWP1	
Binding Specificity:	N-Term	
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Dog, Guinea Pig, Horse, Pig	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This WWP1 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC)	
Product Details		
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human WWP1	
Sequence:	ATASPRSDTS NNHSGRLQLQ VTVSSAKLKR KKNWFGTAIY TEVVVDGEIT	
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 86%, Horse: 93%, Human: 100%, Mouse: 86%, Pig: 93%, Rabbit: 100%, Rat: 100%	
Characteristics:	This is a rabbit polyclonal antibody against WWP1. It was validated on Western Blot using a cell lysate as a positive control.	
Purification:	Affinity Purified	
Target Details		
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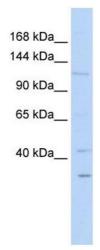
WWP1

Alternative Name:	ative Name: WWP1 (WWP1 Products)	
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. WWP1 is a protein which contains 4 tandem WW domains and a HECT	
	(homologous to the E6-associated protein carboxyl terminus) domain. WWP1 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.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. Publication Note: This RefSeq record includes a subset	
	of the publications that are available for this gene. Please see the Entrez Gene record to access	
	additional publications.	
	Alias Symbols: AIP5, DKFZp434D2111, Tiul1, hSDRP1	
	Protein Interaction Partner: SMAD3, FBXL18, WWP1, TRAF4, FAM189A2, UBE2L3, UBC, PTCH1,	
	SMAD6, NOTCH1, EZH2, YWHAQ, CPSF6, TRAF6, LAPTM5, SMAD5, HSP90AA1, FBXL15,	
	H2AFY2, PHF20L1, RNF11, ASH2L, PRKAA2, ATN1, LNX1, TP63, PTPN14, ERBB4, NFE2,	
	SMAD7, SMAD4, SMAD2, SMAD1, RUNX2, Axin1, ga	
	Protein Size: 922	
Molecular Weight:	105 kDa	
Gene ID:	11059	
NCBI Accession:	NM_007013, NP_008944	
UniProt:	Q9H0M0	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 922 AA	
estrictions: For Research Use only		

Handling

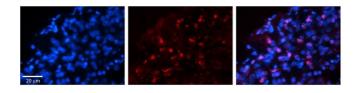
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-WWP1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: 293T cell lysate WWP1 is supported by BioGPS gene expression data to be expressed in HEK293T



Immunohistochemistry

Image 2. Rabbit Anti-WWP1 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Pineal Tissue Observed Staining: Nuclear in pinealocytes Primary Antibody Concentration: 1:100 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec