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Datasheet for ABIN720910 anti-WWP1 antibody (AA 21-120)



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Quantity:	100 μL
Target:	WWP1
Binding Specificity:	AA 21-120
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WWP1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human WWP1	
Isotype:	IgG	
Cross-Reactivity:	Rat	
Predicted Reactivity:	Human, Mouse, Dog, Cow, Sheep, Horse, Rabbit	
Purification:	Purified by Protein A.	
Target Details		

Target: WWP1

Target Details

Alternative Name:	WWP1 (WWP1 Products)	
Background:	Synonyms: AIP 5, AIP5, Atropin-1-interacting protein 5, hSDRP1, nedd4 like, NEDD4-like E3	
	ubiquitin-protein ligase WWP1, Tiul1, WW domain containing E3 ubiquitin protein ligase 1, WW	
	domain-containing protein 1, WWP 1, WWP1_HUMAN.	
	Background: WWP1 is an E3 ubiquitin ligase and belongs to a family of NEDD4-like proteins.	
	WWP1 contains 4 tandem WW domains and a HECT (homologous to the E6-associated protein	
	carboxyl terminus) domain. 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. The HECT domain of WWP1 has been implicated	
	in regulating the localization and stability of p53 inhibition of WWP1 results in a decrease in p5	
	expression, whilst WWP1 mediated stabilization of p53 appears to be associated with an	
	accumulation of cytoplasmic p53. WWP1 also negatively regulates the TGF beta tumor	
	suppressor pathway by inactivating its molecular components (SMAD2, SMAD4 and	
	TGFbetaR1). WWP1 has been implicated in both breast and prostate cancers.	
Gene ID:	11059	
Application Details		
Application Notes:	ELISA 1:500-1000	
	IHC-P 1:200-400	
	IHC-F 1:100-500	
	IF(IHC-P) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(ICC) 1:50-200	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be	

Handling

Storage:	4 °C,-20 °C
Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.	
Expiry Date:	12 months