antibodies - online.com







anti-WHSC1 antibody (N-Term)



Image



Publication



Overview	
Quantity:	100 μL
Target:	WHSC1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WHSC1 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human WHSC1
Sequence:	KYNVGDLVWS KVSGYPWWPC MVSADPLLHS YTKLKGQKKS ARQYHVQFFG
Predicted Reactivity:	Dog: 93%, Guinea Pig: 88%, Horse: 100%, Human: 100%, Mouse: 86%, Rabbit: 76%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against WHSC1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	WHSC1

Target Details

Alternative Name:	WHSC1 (WHSC1 Products)
	WHSC1 (WHSC1 Products)
Background:	WHSC1 encodes a protein that contains four domains present in other developmental proteins
	a PWWP domain, an HMG box, a SET domain, and a PHD-type zinc finger. It is expressed
	ubiquitously in early development. Wolf-Hirschhorn syndrome (WHS) is a malformation
	syndrome associated with a hemizygous deletion of the distal short arm of chromosome 4.
	Alias Symbols: WHS, NSD2, TRX5, MMSET, REIIBP
	Protein Interaction Partner: HIST1H3A, HIST3H3, HDAC1, TRIM28, UBC, SF3A1, HNRNPR,
	MPHOSPH10, RAD50, SART3, NUP93, GTF3C4, NOLC1, DDX21, BAZ1B, DDX18, KHSRP, RRP1,
	SMARCA5, SMC1A, RBM10, XRCC5, VIM, EZR, TOP2B, TOP1, TMP0, SMARCA4, SFPQ, RPN1,
	RBBP4, RANGAP1, PTBP1, PRKDC, PLRG1, PKP
	Protein Size: 802
Molecular Weight:	88 kDa
Gene ID:	7468
NCBI Accession:	NM_014919, NP_055734
UniProt:	096031
Pathways:	SARS-CoV-2 Protein Interactome
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 802 AA
Restrictions:	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

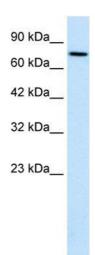
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:

Gerhard, Wagner, Feingold, Shenmen, Grouse, Schuler, Klein, Old, Rasooly, Good, Guyer, Peck, Derge, Lipman, Collins, Jang, Sherry, Feolo, Misquitta, Lee, Rotmistrovsky, Greenhut, Schaefer, Buetow et al.: "The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). ..." in: **Genome research**, Vol. 14, Issue 10B, pp. 2121-7, (2004) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-WHSC1 Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate There is BioGPS gene expression data showing that WHSC1 is expressed in HepG2