

Datasheet for ABIN2777965
anti-WHSC1 antibody (N-Term)[Go to Product page](#)

1 Image

1 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:	KYNVGD LVWS KVS GYPWWPC 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)
Background:	<p>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.</p> <p>Alias Symbols: WHS, NSD2, TRX5, MMSET, REIIBP</p> <p>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, TMPO, SMARCA4, SFPQ, RPN1, RBBP4, RANGAP1, PTBP1, PRKDC, PLRG1, PKP</p> <p>Protein Size: 802</p>
Molecular Weight:	88 kDa
Gene ID:	7468
NCBI Accession:	NM_014919 , NP_055734
UniProt:	O96031
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