



# Anti-WHSC1 (aa 500-600) polyclonal antibody (DPABH-23149)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	Probable histone methyltransferase (By similarity). May act as a transcription regulator that binds DNA and suppresses IL5 transcription.
<b>Immunogen</b>	Synthetic peptide conjugated to KLH derived from within residues 500 - 600 of Human WHSC1/NSD2.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC-P
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	pH: 7.40; Constituent: PBS
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">WHSC1 Wolf-Hirschhorn syndrome candidate 2 [ Homo sapiens ]</a>
<b>Official Symbol</b>	WHSC1
<b>Synonyms</b>	WHSC1; Wolf-Hirschhorn syndrome candidate 1; WHS; NSD2; TRX5; MMSET; REIIBP; histone-lysine N-methyltransferase NSD2; trithorax/ash1-related protein 5; nuclear SET domain-containing protein 2; IL5 promoter REI1 region-binding protein; probable histone-lysine N-methyltransferase NSD2; multiple myeloma SET domain containing protein type III;
<b>Entrez Gene ID</b>	<a href="#">7468</a>
<b>Protein Refseq</b>	<a href="#">NP_001035889.1</a>
<b>UniProt ID</b>	<a href="#">O96028</a>
<b>Pathway</b>	Lysine degradation; Transcriptional misregulation in cancer;
<b>Function</b>	DNA binding; chromatin binding; histone-lysine N-methyltransferase activity; protein binding