

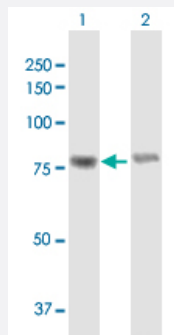
MaxPab®

WHSC1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00007468-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

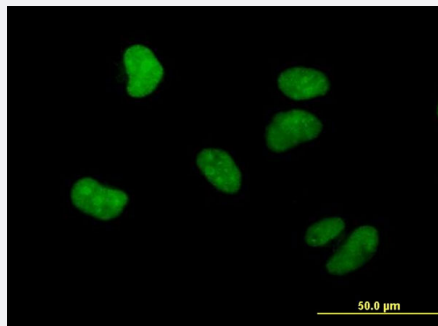
Western Blot analysis of WHSC1 expression in transfected 293T cell line ([H00007468-T01](#)) by WHSC1 MaxPab polyclonal antibody.

Lane1: WHSC1 transfected lysate (71.17 kDa).

Lane2: Non-transfected lysate.

Immunofluorescence

Immunofluorescence of purified MaxPab antibody to WHSC1 on HeLa cell. [antibody concentration 10 ug/ml]



Specification

Product Description

Mouse polyclonal antibody raised against a full-length human WHSC1 protein.

Immunogen

WHSC1 (NP_579889.1, 1 a.a. ~ 647 a.a) full-length human protein.

Sequence	MEFSIKQSPLSVQSVVKCIKMKQAPEILGSANGKTPSCEVNVRECSVFLSKAQLSSSLQEGVMQK FNGHDALPFIADKLDLTSRVFNGEPGAHDALRFESQEMKGIGTPPNTTPIKNGSPEIKLKITKT YMNGKPLFESSICGDSAADVVSQSEENGQKPENKARRNRKRSIKYDSLLEQGLVEAALVSKISSPS DKKIPAKKESCPNTGRDKDHLLKYNVGDVWSKVSGYPWWPCMVSAADPLLHSYTKLKGQKKS RQYHVQFFGDAPERAWIFEKSLVAFEGEGQFEKLCQESAKQAPTKAEKIKLLKPISGKLRAQWE MGVQAEEAASMSVEERKAKFTFLYVGDQLHLNPQVAKEAGIAAESLGEMAESSGVSEEAENP KSVREECIPMKRRRRRAKLCSSAETLESHPDIGKSTPQKTAEADPRRGVGSPPGRKKTVMSPRS RKGDAASQFLVFCQKHRDEVVAEHPDASGEEIEELLRSQWSLLSEKQRARYNTKFALVAPVQAE EDSGNVNGKKRNHTKRIQDPTEDAEAEDTPRKRLRTDKHSLRKRDTITDKTARTSSYKAMEAASS LKSQAATKNLSDACKPLKKRNRSTAASSALGFSKSSSPSASLTENELLWEPTPVKLDLNPAAAL YCT
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (86); Rat (85)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of WHSC1 expression in transfected 293T cell line ([H00007468-T01](#)) by WHSC1 MaxPab polyclonal antibody.

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to WHSC1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — WHSC1

Entrez GeneID	7468
GeneBank Accession#	NM_133334.2
Protein Accession#	NP_579889.1

Gene Name	WHSC1
Gene Alias	FLJ23286, KIAA1090, MGC176638, MMSET, NSD2, REIIBP, TRX5, WHS
Gene Description	Wolf-Hirschhorn syndrome candidate 1
Omim ID	602952
Gene Ontology	Hyperlink
Gene Summary	This gene 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. This gene maps to the 165 kb WHS critical region and has also been involved in the chromosomal translocation t(4;14)(p16.3;q32.3) in multiple myelomas. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms. Some transcript variants are nonsense-mediated mRNA (NMD) decay candidates, hence not represented as reference sequences. [provided by RefSeq]
Other Designations	IL5 promoter REI1 region-binding protein OTTHUMP00000149955 OTTHUMP00000159146 Wolf-Hirschhorn syndrome candidate 1 protein multiple myeloma SET domain containing protein type I trithorax/ash1-related protein 5

Publication Reference

- [Markers for Acute Lymphoblastic Leukemia.](#)

Chan HM, Englund NP, Garraway L, Hu M, Jaffe J, Kryukov G, Liu J, Liu X, McDonald R, Stegmeier FP, Wang Z, Wang Y, Wu H, Yan F.

Amino Acids 2015 Dec; US20150354006A1.

Application: WB, Human, DND-41, DND-412, HPB-ALL, JURKAT, LOUCY, MOLT13, MOLT16, KMS11, PF-3824, RCH-ACV, RPMI-8402, RS4-11, SEM, SUPT-11, T-ALL1 cells

- [NSD2 is recruited through its PHD domain to oncogenic gene loci to drive multiple myeloma.](#)

Huang Z, Wu H, Chuai S, Xu F, Yan F, Englund N, Wang Z, Zhang H, Fang M, Wang Y, Gu J, Zhang M, Yang TY, Zhao K, Yu Y, Dai J, Yi W, Zhou S, Li Q, Wu J, Liu J, Wu X, Chan H, Lu CX, Atadja PW, Li E, Wang Y, Hu M.

Cancer Research 2013 Oct; 73(20):6277.

Application: WB-Ce, Human, U266, MOLP2, COLO677, RPMI8226, KMS27, KMS21BM, KMS12BM, KHM1B, KMS11, KMS34, LP1, H929, KMS28BM, jim3, OPM2, KMS18 cells

Pathway

- [Lysine degradation](#)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Kidney Failure](#)