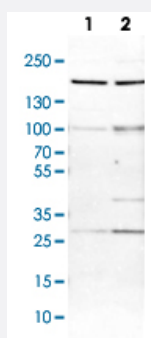


WHSC1 polyclonal antibody

Catalog # PAB30540

Size 100 uL

Applications

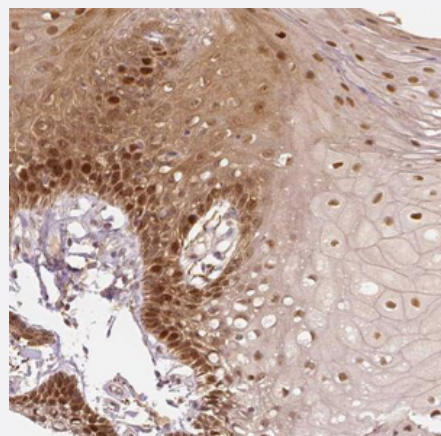


Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis with WHSC1 polyclonal antibody (Cat # PAB30540)

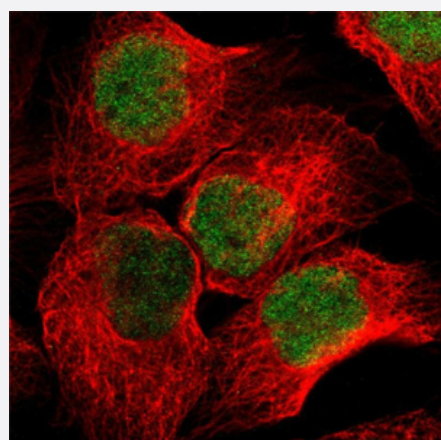
Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells)

Lane 2: NBT-II cell lysate (Rat Wistar bladder tumour cells)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human oral mucosa with WHSC1 polyclonal antibody (Cat # PAB30540) shows strong nuclear positivity in squamous epithelial cells.



Immunofluorescence

Immunofluorescent staining of human cell line A-431 with WHSC1 polyclonal antibody (Cat # PAB30540) shows positivity in nucleus but excluded from the nucleoli. Antibody staining is shown in green.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant human WHSC1.
Immunogen	Recombinant protein corresponding to human WHSC1.
Sequence	SANGKTPSCEVNRECSVFLSKAQLSSSLQEGVMQKFNGHDALPFIPADKLKDLTSRVFNAGEPGA HDAKLRFESQEMKGIGTPNNTPIKNGSPEIKLKITKTYMNGKPLFESSICGD
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis with WHSC1 polyclonal antibody (Cat # PAB30540)

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Gene Info — WHSC1

Entrez GeneID	7468
Protein Accession#	O96028
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

Pathway

- [Lysine degradation](#)

Disease

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