WHSC1 Rabbit Polyclonal Antibody

Catalog No: #55381

Package Size: #55381-1 50ul #55381-2 100ul

Signalway Antibody
Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

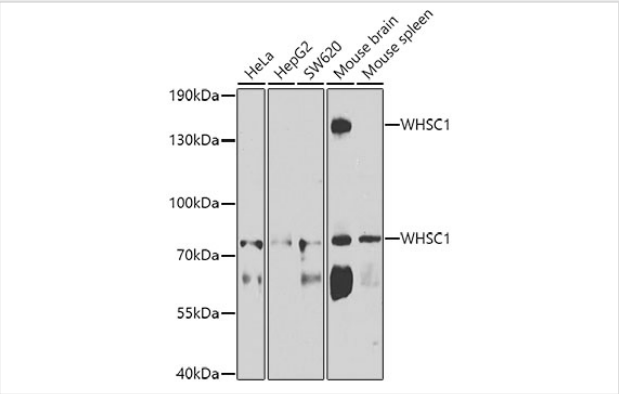
Description

Product Name	WHSC1 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse
Immunogen Description	Recombinant fusion protein of human WHSC1 (NP_579877.1).
Conjugates	Unconjugated
Other Names	NSD2;KMT3F;KMT3G;MMSET;REIIBP;TRX5;WHS;WHSC1
Accession No.	Swiss Prot:O96028GeneID:7468
Calculated MW	30kDa/53kDa/66kDa/69kDa/71kDa/80kDa/152kDa
SDS-PAGE MW	80kDa, 152kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

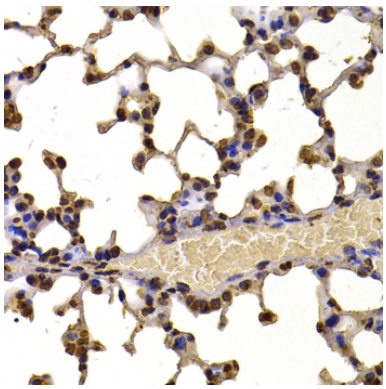
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200

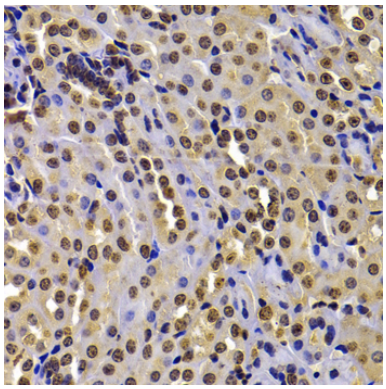
Images



Western blot analysis of extracts of various cell lines, using WHSC1 at 1:1000 dilution.



Immunohistochemistry of paraffin-embedded mouse lung using WHSC1 at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using WHSC1 at dilution of 1:100 (40x lens).

Background

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.