

WHSC1 Rabbit Polyclonal Antibody



CAB7938

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

80kDa, 152kDa

Calculated MW:

30kDa/53kDa/66kDa/69kDa/
71kDa/80kDa/152kDa

Applications:

WB IHC

Reactivity:

Human, Mouse

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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.

Immunogen information

Gene ID:

7468

Uniprot

O96028

Synonyms:

NSD2; KMT3F; KMT3G; MMSET; REI1BP; TRX5; WHS; WHSC1

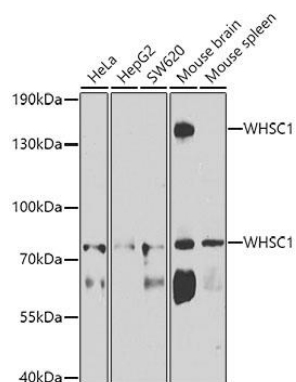
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-240 of human WHSC1 (NP_579877.1).

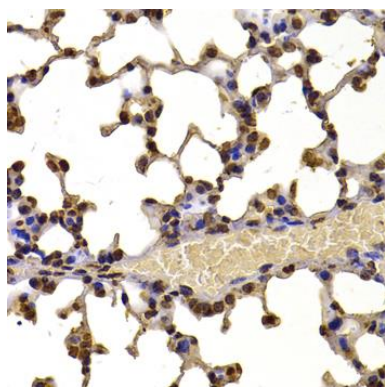
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

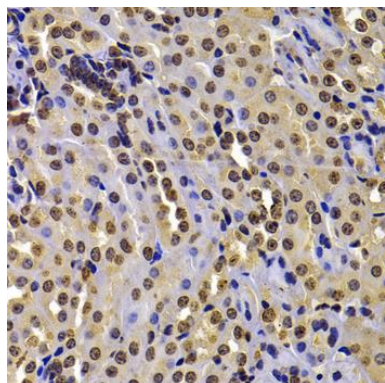
Product Images



Western blot analysis of extracts of various cell lines, using WHSC1 antibody (CAB7938) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded mouse lung using WHSC1 antibody (CAB7938) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using WHSC1 antibody (CAB7938) at dilution of 1:100 (40x lens).