

# [KO Validated] NSD3/WHSC1L1 Rabbit pAb

Catalog No.: A5577 **KO Validated**

## Basic Information

### Observed MW

180kDa

### Calculated MW

162kDa

### Category

Primary antibody

### Applications

WB, ELISA

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene is related to the Wolf-Hirschhorn syndrome candidate-1 gene and encodes a protein with PWWP (proline-tryptophan-tryptophan-proline) domains. This protein methylates histone H3 at lysine residues 4 and 27, which represses gene transcription. Two alternatively spliced variants have been described.

## Recommended Dilutions

**WB** 1:500 - 1:1000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

54904

### Swiss Prot

Q9BZ95

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 400-600 of human NSD3/NSD3/WHSC1L1 (NP\_060248.2).

### Synonyms

KMT3F; KMT3G; WHISTLE; WHSC1L1; pp14328; L1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

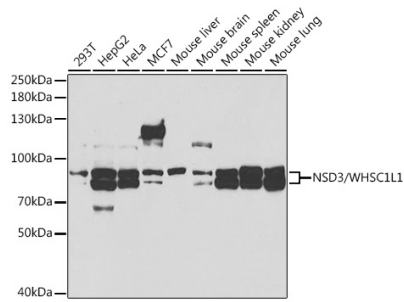
Affinity purification

### Storage

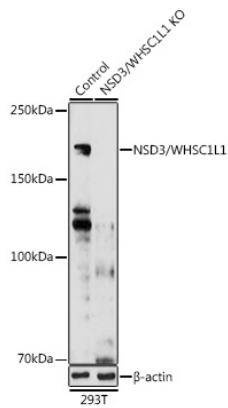
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of various lysates using [KO Validated] NSD3/WHSC1L1 Rabbit pAb (A5577) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.



Western blot analysis of lysates from wild type (WT) and NSD3/WHSC1L1 knockout (KO) 293T cells, using [KO Validated] NSD3/WHSC1L1 Rabbit pAb (A5577) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.