

Datasheet for ABIN7155501
anti-WHSC1 antibody (AA 1-44)[Go to Product page](#)

2 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µg |
| Target: | WHSC1 |
| Binding Specificity: | AA 1-44 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This WHSC1 antibody is un-conjugated |
| Application: | Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF) |

Product Details

| | |
|-------------------|--|
| Immunogen: | Recombinant Human Histone-lysine N-methyltransferase NSD2 protein (1-44AA) |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | >95%, Protein G purified |

Target Details

| | |
|-------------------|--|
| Target: | WHSC1 |
| Alternative Name: | NSD2 (WHSC1 Products) |
| Background: | Background: Histone methyltransferase with histone H3 \\\'Lys-27\\\' (H3K27me) methyltransferase activity. Isoform 2 may act as a transcription regulator that binds DNA and |

Target Details

suppresses IL5 transcription through HDAC recruitment.

Aliases: FLJ23286 antibody, IL5 promoter REII region binding protein antibody, KIAA1090 antibody, MGC176638 antibody, MMSET antibody, MMSET type II antibody, Multiple myeloma SET domain containing protein type III antibody, Multiple myeloma SET domain protein antibody, Multiple myeloma SET domain-containing protein antibody, NSD 2 antibody, NSD2 antibody, NSD2_HUMAN antibody, Nuclear receptor binding SET domain protein 2 antibody, Nuclear SET domain-containing protein 2 antibody, Probable histone-lysine N-methyltransferase NSD2 antibody, Protein trithorax-5 antibody, REIIBP antibody, Trithorax/ash1 related protein 5 antibody, TRX5 antibody, TRX5 protein antibody, WHS antibody, Whsc1 antibody, Wolf Hirschhorn syndrome candidate 1 antibody, Wolf Hirschhorn syndrome candidate 1 protein antibody, Wolf-Hirschhorn syndrome candidate 1 protein antibody

UniProt: [O96028](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

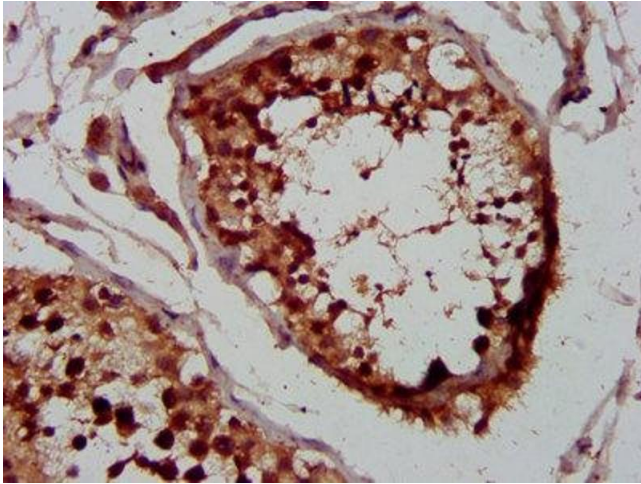
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

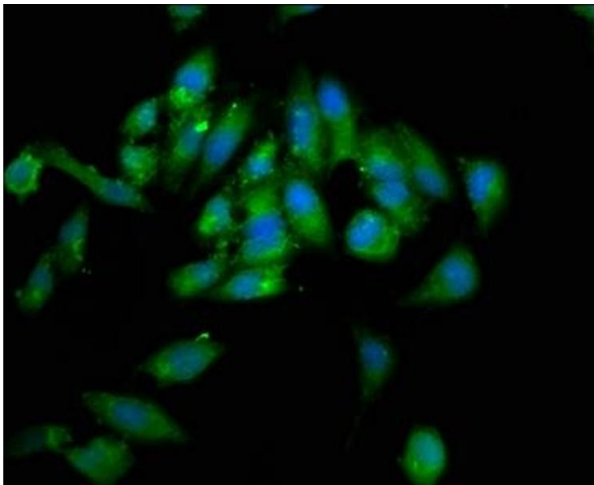
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. IHC image of ABIN7155501 diluted at 1:400 and staining in paraffin-embedded human testis tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence

Image 2. Immunofluorescence staining of HeLa cells with ABIN7155501 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).