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JMJD1C Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10318

Specification

JMJD1C Antibody - Product Information

Application	**WB**
Primary Accession	Q15652
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**284525**

JMJD1C Antibody - Additional Information

Gene ID 221037

Application & Usage	**Western blotting (1 - 4 µg/ml). However, the optimal conditions should be determined individually. The antibody detects JMJ1DC of human origin. Reactivity to other species has not been tested.**

Other Names
JmjC domain-containing histone demethylation protein 2C, jumonji domain-containing protein 1C, thyroid receptor-interacting protein 8, TRIP-8, TRIP8, JHDM2C, FLJ14374, RP11-10C13.2, DKFZp761F0118, KIAA1380

Target/Specificity
JMJD1C

Antibody Form
Liquid

Appearance
Colorless liquid

Formulation
100 µg (0.5 mg/ml) affinity purified rabbit anti- JMJDC1 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.01% thimerosal.

Handling
The antibody solution should be gently mixed before use.

Reconstitution & Storage
-20 °C

Background Descriptions

Precautions
JMJD1C Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

JMJD1C Antibody - Protein Information

Name JMJD1C

Synonyms JHDM2C, KIAA1380, TRIP8

Function
Probable histone demethylase that specifically demethylates 'Lys-9' of histone H3, thereby playing a central role in histone code. Demethylation of Lys residue generates formaldehyde and succinate. May be involved in hormone-dependent transcriptional activation, by participating in recruitment to androgen-receptor target genes (By similarity).

Cellular Location
Nucleus.

JMJD1C Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

JMJD1C Antibody - Images

JMJD1C Antibody - Background

JMJD1C is a member of the jumonji (jmj) domain containing gene family of histone demethylases that plays a role in chromatin regulation and influences transcriptional activation and suppression. Some recently characterized members of the jmj family include JARID1A/RBP2, JARID1C, JMJD1A, JMJD1B, JMJD1C, JMJD2A, JMJD2C and JMJD2D. JMJD1C has been identified as a nuclear-receptor coactivator and is a candidate gene for autism.