

Rabbit anti-Human JARID2 Polyclonal Antibody | anti-JARID2 antibody

JARID2 Antibody

CATALOG # AAA231051	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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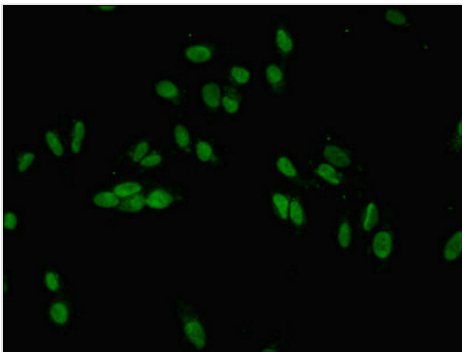
PRODUCT SYNONYMS

JARID2; Polyclonal Antibody; JARID2 Antibody; Protein Jumonji; Jumonji/ARID domain-containing protein 2; JMJ; anti-JARID2 antibody

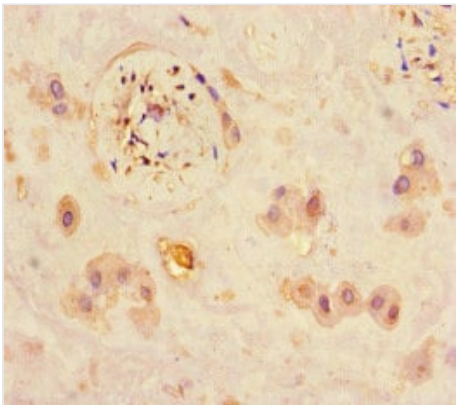
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1074
Applicable Applications for anti-JARID2 antibody	IHC (Immunohistochemistry), ELISA
Species	Human
Immunogen	Recombinant human Protein Jumonji protein
Conjugate	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-47604 / sc-47605
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

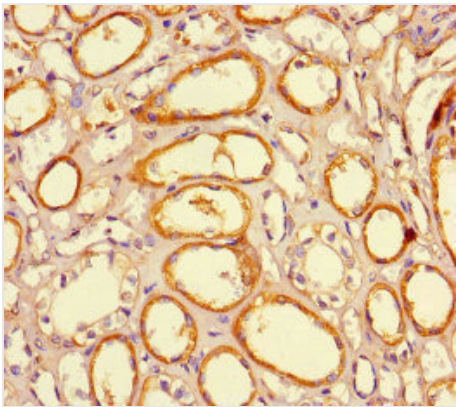
IMAGES



IHC (Immunohistochemisry)
Immunofluorescent analysis of HeLa cells using AAA231051 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human placenta tissue using AAA231051 at dilution of 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human kidney tissue using AAA231051 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-JARID2 antibody	Regulator of histone methyltransferase complexes that plays an essential role in embryonic development, including heart and liver development, neural tube fusion process and hematopoiesis. Acts by modulating histone methyltransferase activity and promoting the recruitment of histone methyltransferase complexes to their target genes. Binds DNA and mediates the recruitment of the PRC2 complex to target genes in embryonic stem cells. Does not have histone demethylase activity but regulates activity of various histone methyltransferase complexes. In embryonic stem cells, it associates with the PRC2 complex and inhibits trimethylation of 'Lys-27' of histone H3 (H3K27me3) by the PRC2 complex, thereby playing a key role in differentiation of embryonic stem cells and normal development. In cardiac cells, it is required to repress expression of cyclin-D1 (CCND1) by activating methylation of 'Lys-9' of histone H3 (H3K9me) by the GLP1/EHMT1 and G9a/EHMT2 histone methyltransferases. Also acts as a transcriptional repressor of ANF via its interaction with GATA4 and NKX2-5. Participates in the negative regulation of cell proliferation signaling.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	388490158
NCBI GeneID	3720
NCBI Accession #	NP_001253969.1
NCBI GenBank Nucleotide #	NM_001267040.1
UniProt Accession #	Q92833; Q5U5L5; Q86X63; A8K9Z6; B7Z5S5; B7Z8L0

Molecular Weight	119,689 Da
NCBI Official Full Name	protein Jumonji isoform 2
NCBI Official Synonym Full Names	jumonji and AT-rich interaction domain containing 2
NCBI Official Symbol	JARID2
NCBI Official Synonym Symbols	JMJ
NCBI Protein Information	protein Jumonji
UniProt Protein Name	Protein Jumonji
UniProt Gene Name	JARID2
UniProt Synonym Gene Names	JMJ
UniProt Entry Name	JARD2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/jarid2-antibody-immunohistochemistry-elisa/231051>