



Anti-JARID2 (internal region) polyclonal antibody (DPAB-DC1755)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a Jumonji- and AT-rich interaction domain (ARID)-domain-containing protein. The encoded protein is a DNA-binding protein that functions as a transcriptional repressor. This protein interacts with the Polycomb repressive complex 2 (PRC2) which plays an essential role in regulating gene expression during embryonic development. This protein facilitates the recruitment of the PRC2 complex to target genes. Alternate splicing results in multiple transcript variants. Mutations in this gene are associated with chronic myeloid malignancies.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human JARID2. The sequence is C-HRSAQDLRKQVSKVN
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
Preservative	0.02% Sodium Azide

Storage

Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	JARID2 jumonji, AT rich interactive domain 2 [Homo sapiens (human)]
Official Symbol	JARID2
Synonyms	JARID2; jumonji, AT rich interactive domain 2; JMJ; protein Jumonji; jumonji homolog; jumonji-like protein; jumonji/ARID domain-containing protein 2;
Entrez Gene ID	3720
Protein Refseq	NP_001253969
UniProt ID	Q92833
Chromosome Location	6p24-p23
Pathway	Epigenetic regulation of gene expression; PRC2 methylates histones and DNA;
Function	DNA binding; chromatin binding; NOT histone demethylase activity;
