



Anti-KDM8 (C-terminal) polyclonal antibody (DPABH-23527)

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

PRODUCT INFORMATION

Antigen Description	Histone demethylase required for G2/M phase cell cycle progression. Specifically demethylates dimethylated Lys-36 (H3K36me2) of histone H3, an epigenetic repressive mark, thereby acting as a transcription activator. Regulates expression of CCNA1 (cyclin-A1), leading to regulate cancer cell proliferation.
Specificity	DPABH-23527 is specific for JMJD5. At least two isoforms of JMJD5 are known to exist; this antibody should detect both.
Immunogen	An 18 amino acid peptide from near the carboxy terminus of Human JMJD5 (NP_001138820).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	ICC/IF, WB, IHC-P
Format	Liquid
Size	100 µg
Buffer	Constituents: PBS
Preservative	0.02% Sodium Azide
Storage	Store at 4°C, stable for one year. Should not be exposed to prolonged high temperatures. Avoid

freeze / thaw cycles.

GENE INFORMATION

Gene Name	KDM8 lysine (K)-specific demethylase 9 [Homo sapiens]
Official Symbol	KDM8
Synonyms	KDM8; lysine (K)-specific demethylase 8; JMJD5; lysine-specific demethylase 8; jumonji domain containing 5; jmjC domain-containing protein 5; jumonji domain-containing protein 5;
Entrez Gene ID	79831
Protein Refseq	NP_001138820.1
UniProt ID	Q8N371
Function	chromatin binding; histone demethylase activity (H3-K36 specific); metal ion binding;