



Anti-JMJD6 (aa 2-100) polyclonal antibody (DPAB-DC1064)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a nuclear protein with a JmjC domain. JmjC domain-containing proteins are predicted to function as protein hydroxylases or histone demethylases. This protein was first identified as a putative phosphatidylserine receptor involved in phagocytosis of apoptotic cells; however, subsequent studies have indicated that it does not directly function in the clearance of apoptotic cells, and questioned whether it is a true phosphatidylserine receptor. Multiple transcript variants encoding different isoforms have been found for this gene.
Immunogen	PTDSR (NP_055982, 2 a.a. ~ 100 a.a) partial recombinant protein with GST tag. The sequence is NHKSKKRIREAKRSARPELKDSLWTRHNYYESFSLSPAADVADNVERADALQLSVEEFVE RYERPYPKPVLLNAQEGWSAQEKWTLERLKRKYRNQKFK
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	JMJD6 jumonji domain containing 6 [Homo sapiens (human)]
Official Symbol	JMJD6
Synonyms	JMJD6; jumonji domain containing 6; PSR; PTDSR; PTDSR1; bifunctional arginine demethylase and lysyl-hydroxylase JMJD6; lysyl-hydroxylase JMJD6; phosphatidylserine receptor; jmjC domain-containing protein 6; histone arginine demethylase JMJD6; peptide-lysine 5-dioxygenase JMJD6; jumonji domain-containing protein 6;
Entrez Gene ID	23210
Protein Refseq	NP_001074930
UniProt ID	Q6NYC1
Chromosome Location	17q25
Function	RNA binding; histone demethylase activity (H3-R2 specific); histone demethylase activity (H4-R3 specific); identical protein binding