



Rabbit Anti-Human PSR Polyclonal Antibody (CABT-L2169)

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

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Phosphatidylserine Receptor (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against PSR. It has been selected for its ability to recognize PSR in immunohistochemical staining and western blotting.
Target	PSR
Immunogen	Recombinant fragment corresponding to human JMJD6 (Met1~Glu334)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	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. [provided by RefSeq, Jul 2008]
Keywords	JMJD6;PTDSR;Jumonji Domain Containing 6;JmjC domain-containing protein 6;Bifunctional Arginine Demethylase And Lysyl-Hydroxylase;Peptide-lysine 5-dioxygenase JMJD6

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;
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; iron ion binding; peptidyl-lysine 5-dioxygenase activity; protein binding; receptor activity; single-stranded RNA binding;