

Rabbit PTDSR Polyclonal Antibody | anti-JMJD6 antibody

PTDSR antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197225	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

PTDSR; Polyclonal Antibody; PTDSR antibody - middle region; anti-JMJD6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: PR ELIKVTRDEG GNQQDEAITW FNVIYPRTQL PTWPPEFKPL EILQKPGE
Sequence Length	372
Applicable Applications for anti-JMJD6 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 93%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PTDSR
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-PTDSR Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: Human kidney

IHC (Immunohistochemistry)

IHC Suggested Anti-PTDSR antibody Titration: 5ug/ ml
Positive Control: Breast

ADDITIONAL INFORMATION

Related Product Information for anti-JMJD6 antibody

This is a rabbit polyclonal antibody against PTDSR. It was validated on Western Blot using a cell lysate as a positive control.

Target Description: PTDSR is required during embryogenesis and differentiation of multiple organs during embryogenesis. PTDSR probably acts as a key regulator of hematopoietic differentiation. PTDSR may not be required for apoptotic cell clearance by macrophages but seems to be necessary for the regulation of macrophage cytokine responses

Product Categories/Family for anti-JMJD6 antibody	Polyclonal; Transcription Regulation; Developmental Biology; Methylation; Transcription Factors; Cell Differentiation
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NCBI AND UNIPROT INFORMATION

NCBI GI #	125988389
NCBI GeneID	23210
NCBI Accession #	NP_055982
NCBI GenBank Nucleotide #	NM_015167
UniProt Accession #	Q6NYC1
Molecular Weight	43kDa
NCBI Official Full Name	bifunctional arginine demethylase and lysyl-hydroxylase JMJD6 isoform 2
NCBI Official Synonym Full Names	jumonji domain containing 6, arginine demethylase and lysine hydroxylase
NCBI Official Symbol	JMJD6
NCBI Official Synonym Symbols	PSR; PTDSR; PTDSR1
NCBI Protein Information	bifunctional arginine demethylase and lysyl-hydroxylase JMJD6
UniProt Protein Name	Bifunctional arginine demethylase and lysyl-hydroxylase JMJD6
UniProt Gene Name	JMJD6
UniProt Synonym Gene Names	KIAA0585; PTDSR; Protein PTDSR
UniProt Entry Name	JMJD6_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://stage.aaabiotech.com/polyclonal/ptdsr-antibody-western-blot-immunohistochemistry-elisa/197225>