

## Rabbit JMJD6 Polyclonal Antibody | anti-JMJD6 antibody

JMJD6 Antibody

|                              |                       |                                        |                                                                                      |
|------------------------------|-----------------------|----------------------------------------|--------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA39381</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Immunohistochemistry, Western Blot, ELISA</b> |
|------------------------------|-----------------------|----------------------------------------|--------------------------------------------------------------------------------------|

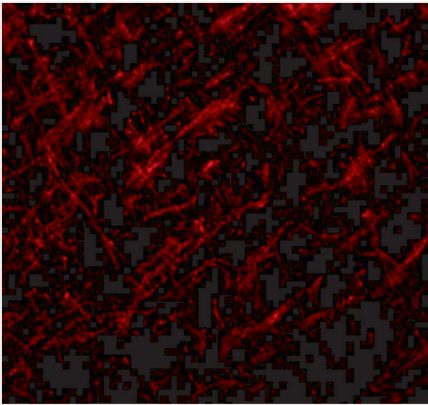
### PRODUCT SYNONYMS

JMJD6; Polyclonal Antibody; JMJD6 Antibody; PSR; PTDSR; PTDSR1; KIAA0585; Bifunctional arginine demethylase and lysyl-hydroxylase JMJD6; Histone arginine demethylase JMJD6; Protein PTDSR; jumonji domain containing 6; anti-JMJD6 antibody

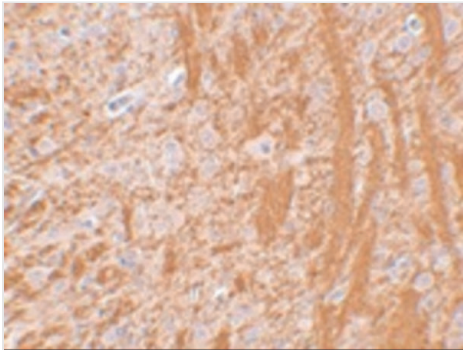
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                             |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                                      |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                                                                                                                           |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                                  |
| Isotype                                         | IgG                                                                                                                                                                                                                                                         |
| Purity/Purification                             | JMJD6 Antibody is affinity chromatography purified via peptide column.                                                                                                                                                                                      |
| Form/Format                                     | Liquid                                                                                                                                                                                                                                                      |
| Concentration                                   | 1 mg/mL (varies by lot)                                                                                                                                                                                                                                     |
| Sequence Length                                 | 403                                                                                                                                                                                                                                                         |
| Applicable Applications for anti-JMJD6 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                                                                                                                                               |
| Conjugate                                       | Unconjugated                                                                                                                                                                                                                                                |
| Immunogen                                       | JMJD6 antibody was raised against a 15 amino acid synthetic peptide from near the amino terminus of human JMJD6.                                                                                                                                            |
| Buffer                                          | JMJD6 Antibody is supplied in PBS containing 0.02% sodium azide.                                                                                                                                                                                            |
| Preparation and Storage                         | JMJD6 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |

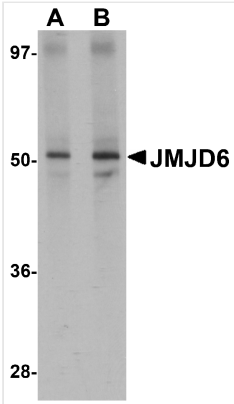
IMAGES



**IF (Immunofluorescence)**  
Immunofluorescence of JMJD6 in rat brain tissue with JMJD6 antibody at 20 &#956;g/mL.



**IHC (Immunohistochemistry)**  
Immunohistochemistry of JMJD6 in rat brain tissue with JMJD6 antibody at 2.5 &#956;g/mL.



**WB (Western Blot)**  
Western blot analysis of JMJD6 in human brain tissue lysate with JMJD6 antibody at (A) 1 and (B) 2 &#956;g/mL.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-JMJD6 antibody | JMJD6 Antibody: The jumonji domain-containing protein (JMJD) family is defined by the presence of the JmjC domain that is observed in several diverse species. JMJD6 was initially identified as a membrane protein that participates in phagocytosis but recent studies have shown that it has other functions when it is expressed in the cytosol and nucleus. JMJD6 is thought to play important roles in regulation of development and differentiation as knockdown experiments in mice resulted in neonatal lethality with severe defects in the morphology of numerous organs. JMJD6 also can catalyze the lysyl-hydroxylation of U2AF65, a protein involved with RNA splicing, suggesting that some of the functions attributed to JMJD6 may be due to its regulatory activity of RNA splicing. |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                               |
|----------------------------------|---------------------------------------------------------------|
| NCBI GI #                        | 67461014                                                      |
| NCBI GeneID                      | 23210                                                         |
| UniProt Accession #              | Q6NYC1; Q86VY0; Q8IUM5; Q9Y4E2; B3KMN8; B4DGX1                |
| Molecular Weight                 | 47,626 Da                                                     |
| NCBI Official Full Name          | Bifunctional arginine demethylase and lysyl-hydroxylase JMJD6 |
| NCBI Official Synonym Full Names | jumonji domain containing 6                                   |
| NCBI Official Symbol             | JMJD6                                                         |
| NCBI Official Synonym Symbols    | PSR; PTDSR; PTDSR1                                            |

|                            |                                                                                                                                                                                                                                           |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Protein Information   | bifunctional arginine demethylase and lysyl-hydroxylase JMJD6; phosphatidylserine receptor; jmjC domain-containing protein 6; histone arginine demethylase JMJD6; peptide-lysine 5-dioxygenase JMJD6; jumonji domain-containing protein 6 |
| UniProt Protein Name       | Bifunctional arginine demethylase and lysyl-hydroxylase JMJD6                                                                                                                                                                             |
| UniProt Gene Name          | <b>JMJD6</b>                                                                                                                                                                                                                              |
| 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/jmjd6-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39381>