

# Product Datasheet

## **Lysine (K)-specific Demethylase 6B/KDM6B/JMJD3 Antibody [Alexa Fluor® 405] NBP2-82107AF405**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-82107AF405**

Lysine (K)-specific Demethylase 6B/KDM6B/JMJD3 Antibody [Alexa Fluor® 405]

| Product Information     |  |
|-------------------------|--|
| Unit Size               | 0.1 ml   |
| Concentration           | Please see the vial label for concentration. If unlisted please contact technical services.  |
| Storage                 | Store at 4C in the dark.   |
| Clonality               | Polyclonal   |
| Preservative            | 0.05% Sodium Azide   |
| Isotype                 | IgG  |
| Conjugate               | Alexa Fluor 405  |
| Purity                  | Peptide affinity purified  |
| Buffer                  | 50mM Sodium Borate   |
| Product Description     |  |
| Host                    | Rabbit   |
| Gene ID                 | 23135  |
| Gene Symbol             | KDM6B  |
| Species                 | Human, Mouse, Rat  |
| Reactivity Notes        | 0  |
| Specificity/Sensitivity | This antibody is specific for Lysine (K)-specific Demethylase 6B/KDM6B/JMJD3 and will not recognize other JMJD proteins. Human Lysine (K)-specific Demethylase 6B/KDM6B/JMJD3 has 2 isoforms, including isoform 1 (1682aa, 181kD) and isoform 2 (1643aa, 177kD). Mouse Lysine (K)-specific Demethylase 6B/KDM6B/JMJD3 has one isoform (1641aa, 176kD) and rat Lysine (K)-specific Demethylase 6B/KDM6B/JMJD3 also has one isoform (1356aa, 146kD). NBP2-82107 can detect human, mouse and rat. |
| Immunogen               | Antibody was raised against a peptide corresponding to 16 amino acids near the carboxy terminus of human Lysine (K)-specific Demethylase 6B/KDM6B/JMJD3. The immunogen is located within amino acids 1370-1420 of Lysine (K)-specific Demethylase 6B/KDM6B/JMJD3. Amino Acid Sequence: KVPGSRTPGHQENNNF  |

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|--------------|--|
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| <b>Product Application Details</b> |  |
|------------------------------------|--|
| <b>Applications</b>                | Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Immunocytochemistry |
| <b>Recommended Dilutions</b>       | Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Immunocytochemistry |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.           |

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**Products Related to NBP2-82107AF405**

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|                 |  |
|-----------------|--|
| NBP2-24891AF405 | Rabbit IgG Isotype Control [Alexa Fluor® 405]                            |
| NBP1-06640PEP   | Lysine (K)-specific Demethylase 6B/KDM6B/JMJD3 Antibody Blocking Peptide |
| 210-TA-005      | TNF-alpha [Unconjugated]   |
| NB200-106       | p19ARF/CDKN2A Antibody - BSA Free  |

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**Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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