

# Product Datasheet

## Lysine (K)-specific Demethylase 6B/KDM6B/JMJD3 Antibody [Janelia Fluor® 646] NBP2-82107JF646

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-82107JF646**

Lysine (K)-specific Demethylase 6B/KDM6B/JMJD3 Antibody [Janelia Fluor® 646]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Conjugate</b>	Janelia Fluor 646
<b>Purity</b>	Peptide affinity purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	23135
<b>Gene Symbol</b>	KDM6B
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	0
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	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: KVPGSRTPGHQENNF
<b>Notes</b>	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.
<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 NBP2-82107JF646

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NBP2-24891JF646	Rabbit IgG Isotype Control [Janelia Fluor 646]
NBP1-06640PEP	Lysine (K)-specific Demethylase 6B/KDM6B/JMJD3 Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]
NB200-103	p53 Antibody (PAb 240) - 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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