

# Product Datasheet

## Lysine (K)-specific Demethylase 6B/KDM6B/JMJD3 Antibody [Alexa Fluor™ Plus 680] NBP2-82107AFP680

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-82107AFP680**

Lysine (K)-specific Demethylase 6B/KDM6B/JMJD3 Antibody [Alexa Fluor™ Plus 680]

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 Plus 680
Purity	Peptide affinity purified
Buffer	50mM Sodium Borate
Product Description	
Host	Rabbit
Gene ID	23135
Gene Symbol	KDM6B
Species	Human, Mouse, Rat
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: KVPGRSRTPGHQENNNF
Notes	This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@thermofisher.com">outlicensing@thermofisher.com</a> . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunocytochemistry
Recommended Dilutions	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunocytochemistry



**Application Notes**

Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP2-82107AFP680**

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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
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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