

Product Datasheet

HIF-1 alpha [Dimethyl Lys674] Antibody - BSA Free NBP2-69089

Unit Size: 0.05 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-69089

HIF-1 alpha [Dimethyl Lys674] Antibody - BSA Free

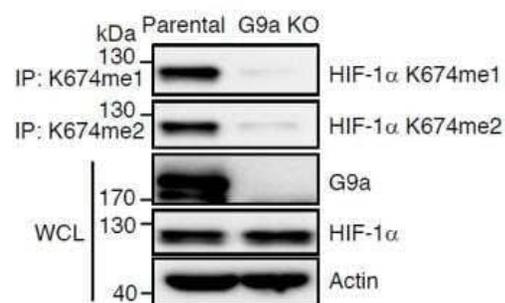
Product Information	
Unit Size	0.05 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS, 50% glycerol

Product Description	
Host	Rabbit
Gene ID	3091
Gene Symbol	HIF1A
Species	Human
Immunogen	This HIF-1 alpha [Dimethyl Lys674] Antibody was developed against synthetic dimethylated peptide surrounding Lysine 674 of human HIF-1 alpha [Uniprot# Q16665].

Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot, Immunoprecipitation

Images

Immunoprecipitation: HIF-1 alpha [Dimethyl Lys674] Antibody [NBP2-69089] - Parental or G9a KO HeLa cells were exposed to 1% O₂ for 6 h, and subjected to IP with antibodies against K674me1 or K674me2, followed by immunoblot assays with antibodies against HIF-1 alpha, G9a or actin. Image courtesy of Weibo Luo, UT Southwestern.

**Publications**

Bao L, Chen Y, et al. Methylation of hypoxia-inducible factor (HIF)-1 alpha by G9a/GLP inhibits HIF-1 transcriptional activity and cell migration. *Nucleic Acids Res* 2018-07-27 [PMID: 29860315] (WB, IP, Human)



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Products Related to NBP2-69089

NBP3-11826	HIF-1 alpha Knockout CoCl ₂ -treated/untreated HeLa Cell Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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