

Product Datasheet

HIF-1 alpha [Dimethyl Lys674] Antibody NBP2-69089SS

Unit Size: 0.025 mg

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

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NBP2-69089SS

HIF-1 alpha [Dimethyl Lys674] Antibody

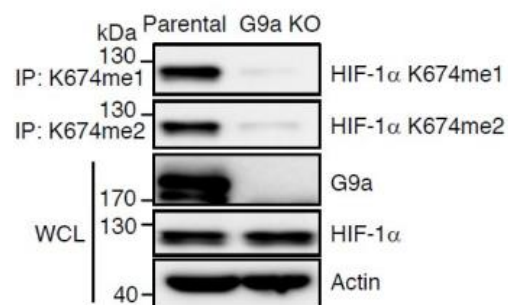
Product Information	
Unit Size	0.025 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS, 50% glycerol

Product Description	
Host	Rabbit
Gene ID	3091
Gene Symbol	HIF1A
Species	Human
Immunogen	Synthetic dimethylated peptide surrounding Lysine 674 of human HIF-1 alpha [Swiss Prot 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, Lai HT et al. Methylation of hypoxia-inducible factor (HIF)-1a by G9a/GLP inhibits HIF-1 transcriptional activity and cell migration. *Nucleic Acids Res* 2018 May 31 [PMID: 29860315] (WB, IP, Human)



Novus Biologicals USA

8100 Southpark Way, A-8
Littleton, CO 80120
USA

Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
novus@novusbio.com

Novus Biologicals Canada

461 North Service Road West, Unit B37
Oakville, ON L6M 2V5
Canada

Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada@novusbio.com

Novus Biologicals Europe

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom

Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: technical@novusbio.com
Orders: orders@novusbio.com
General: novus@novusbio.com

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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