

Product Datasheet

GRHL2 Antibody - Azide and BSA Free H00079977-A01

Unit Size: 0.05 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00079977-A01

GRHL2 Antibody - Azide and BSA Free

Product Information	
Unit Size	0.05 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Unpurified
Buffer	50% Glycerol

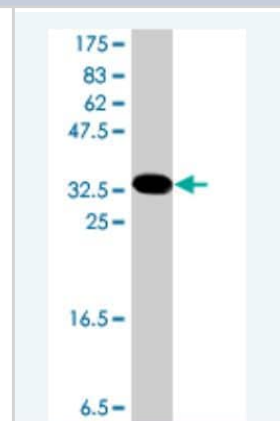
Product Description	
Description	Novus Biologicals Mouse GRHL2 Antibody - Azide and BSA Free (H00079977-A01) is a polyclonal antibody validated for use in WB and ELISA. Anti-GRHL2 Antibody: Cited in 8 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	79977
Gene Symbol	GRHL2
Species	Human
Specificity/Sensitivity	GRHL2 - grainyhead-like 2 (Drosophila)
Immunogen	GRHL2 (NP_079191, 111 a.a. - 210 a.a.) partial recombinant protein with GST tag. ENRVQVLKTVPVNLSLNQDHLNSKREQYSISFPSSAIIPVSGITVVKAEDFTP VFMAPPVHYPRGDGEEQRVVIFEQTQYDVPSLATHSAYLKDDQRS
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:500, ELISA
Application Notes	The quality control of this antibody is limited to Western blot on the immunizing protein. It has also been used for ELISA. Abnova's recommended working dilutions for western analysis are as follows: 1:500 dilution for ascites 1:1000 for purified Ig 1:500



Images

Western Blot: GRHL2 Antibody [H00079977-A01] - Detection against Immunogen (37.11 KDa) .



Publications

Hirade K, Tanaka N, Kajino T et al. Inhibiting KRAS with CD47 and immune checkpoint overcomes intrinsic resistance to combined KRAS and immune checkpoint inhibitor therapy. *Cell reports. Medicine* 2025-08-26 [PMID: 40885190]

Chen W, Shin KH, Kim S et al. hTERT peptide fragment GV1001 demonstrates radioprotective and antifibrotic effects through suppression of TGF- β signaling. *Int J Mol Med* 2018-03-14 [PMID: 29568955]

Chen W, Kang KL, Alshaikh A et al. Grainyhead-like 2 (GRHL2) knockout abolishes oral cancer development through reciprocal regulation of the MAP kinase and TGF- β signaling pathways. *Oncogenesis* 2018-05-08 [PMID: 29735981]

Chen W, Shimane T, Kawano S et al. Human Papillomavirus 16 E6 Induces FoxM1B in Oral Keratinocytes through GRHL2. *J Dent Res* 2018-02-14 [PMID: 29443638]

Chen W, Yi JK, Shimane T et al. Grainyhead-like 2 regulates epithelial plasticity and stemness in oral cancer cells. *Carcinogenesis* 2016-01-01 [PMID: 26933170]

Kang X, Chen W, Kim RH et al. Regulation of the hTERT promoter activity by MSH2, the hnRNPs K and D, and GRHL2 in human oral squamous cell carcinoma cells. *Oncogene*. 2009-01-29 [PMID: 19015635]

Chen W, Dong Q, Shin KH et al. Grainyhead-like 2 Enhances the Human Telomerase Reverse Transcriptase Gene Expression by Inhibiting DNA Methylation at the 5'-CpG Island in Normal Human Keratinocytes. *J Biol Chem*. 2010-10-11 [PMID: 20938050]

Chen W, Xiao Liu Z, Oh JE et al. Grainyhead-like 2 (GRHL2) inhibits keratinocyte differentiation through epigenetic mechanism. *Cell Death Dis*. 2012-12-28 [PMID: 23254293]

Werner S, Frey S, Riethdorf S et al. Dual Roles of the Transcription Factor Grainyhead-like 2 (GRHL2) in Breast Cancer. *J Biol Chem*. 2013-06-29 [PMID: 23814079]



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NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97019-5mg	Mouse 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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