

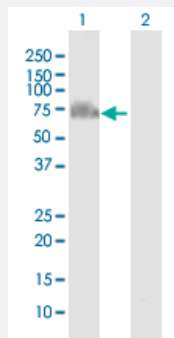
MaxPab®

GRHL2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00079977-B01P

Size 50 ug

Applications

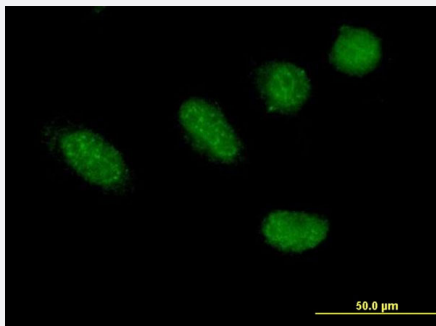


Western Blot (Transfected lysate)

Western Blot analysis of GRHL2 expression in transfected 293T cell line ([H00079977-T01](#)) by GRHL2 MaxPab polyclonal antibody.

Lane 1: GRHL2 transfected lysate(68.75 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to GRHL2 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human GRHL2 protein.

Immunogen

GRHL2 (NP_079191.1, 1 a.a. ~ 625 a.a) full-length human protein.

Sequence	MSQESDNNKRLVALVPMPSPDPFNTRRAYTSEDEAWKSYLENPLTAATKAMMSINGDEDSAAAL GLLYDYKVPDRDKRLLSVSKASDSQEDQEKRNLGTSEAQSNLSGGENRVQVLKTVPVNLSLNQ DHLENSKREQYSISFPESAIIPVSGITVVKAEDFTPVFMAPPVHYPRGDGEEQRVVIFEQTQYDVP SLATHSAYLKDDQRSTPDSTYSESFKDAATEKFRSASVGAEEMYDQTSSGTFQYTLKSLRQ KQGEPMTYLNKGQFYAITLSETGDNKCFRHPISKVRSVVMVVFSEDKNRDEQLKYWKYWHRSRQ HTAKQRVLDIADYKESFNTIGNIEEIAYNVSVFTWDVNEEAKIFITVNCLSTDFSSQKGVKGLPLMIQI DTYSYNNRSNKPIHRAVCQIKVFCDKGAERKIRDEERKQNRKKGKGQASQTQCNSSSDGKLAAP LQKKS DITYFKTMPDLHSQPVLFIPDVHFANLQRTGQVYNTDDEREGGSVLVKRMFRPMEEEFG PVPSKQMKEEGTKRVLLYVRKETDDVFDALMLKSPTVKGLMEASEKYGLPVEKIAKLYKSKKGI LVNMDDNIIHYSNEDTFILNMESMVEGFKVTLMEI
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (94)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

- Immunofluorescence

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Gene Info — GRHL2

Entrez GeneID	79977
GeneBank Accession#	NM_024915.1
Protein Accession#	NP_079191.1

Gene Name	GRHL2
Gene Alias	BOM, DFNA28, FLJ11172, FLJ13782, MGC149294, MGC149295, TFCP2L3
Gene Description	grainyhead-like 2 (Drosophila)
Omim ID	608576 608641
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a transcription factor that can act as a homodimer or as a heterodimer with either GRHL1 or GRHL3. Defects in this gene are a cause of non-syndromic sensorineural deafness autosomal dominant type 28 (DFNA28)
Other Designations	transcription factor CP2-like 3

Publication Reference

- [p63 Gene is Regulated by Grainyhead-Like 2 \(GRHL2\) Through Reciprocal Feedback and Determines Epithelial Phenotype in Human Keratinocytes.](#)

Mehrazarin S, Chen W, Oh JE, Liu ZX, Kang KL, Yi JK, Kim RH, Shin KH, Park NH, Kang MK.

The Journal of Biological Chemistry 2015 Aug; 290(32):19999.

Application: IF, WB-Ce, WB-Tr, Human, NHEK, HaCaT, NHOF, SCC cells

- [A whole-genome RNAi screen identifies an 8q22 gene cluster that inhibits death receptor-mediated apoptosis.](#)

Dompe N, Rivers CS, Li L, Cordes S, Schwickart M, Punnoose EA, Amler L, Seshagiri S, Tang J, Modrusan Z, Davis DP.

PNAS 2011 Oct; 108(43):E943.

Application: WB-Ce, Human, Human breast cancer cell lines

Disease

- [Genetic Predisposition to Disease](#)
- [Presbycusis](#)
- [Tobacco Use Disorder](#)