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Datasheet for ABIN566411

anti-GRHL2 antibody (AA 111-210)

1 Image

4 Publications

Overview

Quantity:	50 µL
Target:	GRHL2
Binding Specificity:	AA 111-210
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This GRHL2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse polyclonal antibody raised against a partial recombinant GRHL2.
Immunogen:	GRHL2 (NP_079191, 111 a.a. ~ 210 a.a) partial recombinant protein with GST tag.
Sequence:	ENRVQVLKTV PVNLSLNQDH LENSKREQYS ISFPESAI PVSGITVVKA EDFTPVFMAP PVHYPRGDGE EQRVVIFEQT QYDVPSLATH SAYLKDDQRS
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	GRHL2
Alternative Name:	GRHL2 (GRHL2 Products)

Target Details

Background:	Full Gene Name: grainyhead-like 2 (Drosophila) Synonyms: BOM,DFNA28,FLJ11172,FLJ13782,MGC149294,MGC149295,TFCP2L3
Gene ID:	79977
NCBI Accession:	NM_024915
Pathways:	Tube Formation

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

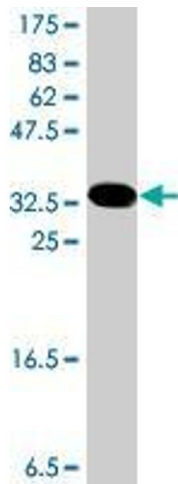
Handling

Format:	Liquid
Buffer:	50 % glycerol
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	<p>Werner, Frey, Riethdorf, Schulze, Alawi, Kling, Vafaizadeh, Sauter, Terracciano, Schumacher, Pantel, Assmann: "Dual roles of the transcription factor grainyhead-like 2 (GRHL2) in breast cancer." in: The Journal of biological chemistry, Vol. 288, Issue 32, pp. 22993-3008, (2013) (PubMed).</p> <p>Chen, Xiao Liu, Oh, Shin, Kim, Jiang, Park, Kang: "Grainyhead-like 2 (GRHL2) inhibits keratinocyte differentiation through epigenetic mechanism." in: Cell death & disease, Vol. 3, pp. e450, (2012) (PubMed).</p> <p>Chen, Dong, Shin, Kim, Oh, Park, Kang: "Grainyhead-like 2 enhances the human telomerase reverse transcriptase gene expression by inhibiting DNA methylation at the 5'-CpG island in normal human keratinocytes." in: The Journal of biological chemistry, Vol. 285, Issue 52, pp. 40852-63, (2010) (PubMed).</p>
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Kang, Chen, Kim, Kang, Park: "Regulation of the hTERT promoter activity by MSH2, the hnRNPs K and D, and GRHL2 in human oral squamous cell carcinoma cells." in: **Oncogene**, Vol. 28, Issue 4, pp. 565-74, (2009) ([PubMed](#)).



Western Blotting

Image 1. Western Blot detection against Immunogen (37.11 kDa).