

ARG45218 anti-GRHL2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes GRHL2
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	GRHL2
Species	Human
Immunogen	Recombinant protein containing to human GRHL2.
Conjugation	Un-conjugated
Alternate Names	GRHL2; Grainyhead Like Transcription Factor 2; BOM; Transcription Factor CP2-Like 3; TFPC2L3; Grainyhead-Like Protein 2 Homolog; Brother Of Mammalian Grainyhead; Brother-Of-MGR; FLJ13782; DFNA28; Deafness, Autosomal Dominant 28; Grainyhead-Like 2 (Drosophila); Grainyhead-Like 2; ECTDS; PPCD4

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	5 µg/ml
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	71 kDa	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

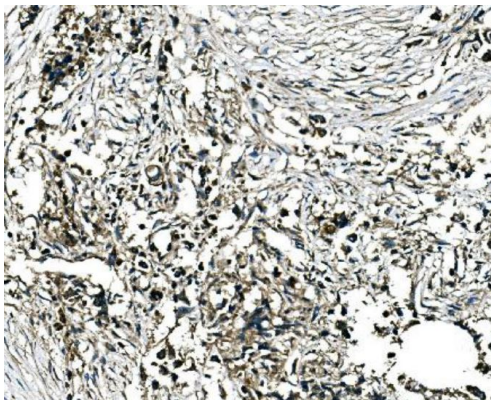
freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

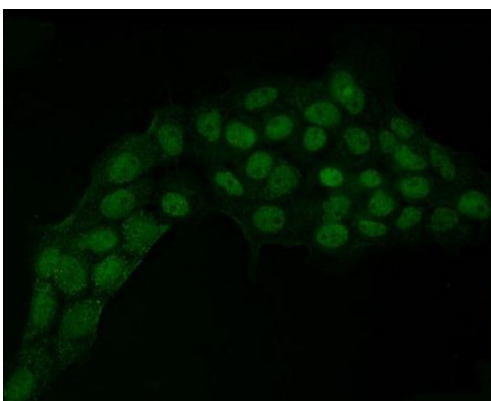
Gene Symbol	GRHL2
Gene Full Name	Grainyhead Like Transcription Factor 2
Background	The protein encoded by this gene is a transcription factor that can act as a homodimer or as a heterodimer with either GRHL1 or GRHL3. Defects in this gene are a cause of non-syndromic sensorineural deafness autosomal dominant type 28 (DFNA28).[provided by RefSeq, Mar 2009]
Function	Transcription factor playing an important role in primary neurulation and in epithelial development. [UniProt]
Calculated Mw	71 kDa
Cellular Localization	Membrane; Nucleus [UniProt]

Images



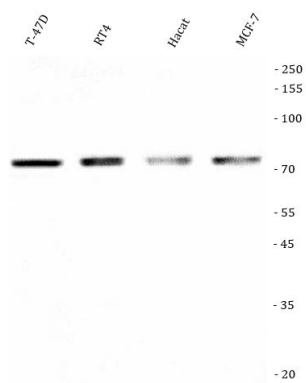
ARG45218 anti-GRHL2 antibody IHC-P image

Immunohistochemistry: Human breast cancer stained with ARG45218 anti-GRHL2 antibody at 2 µg/ml dilution.



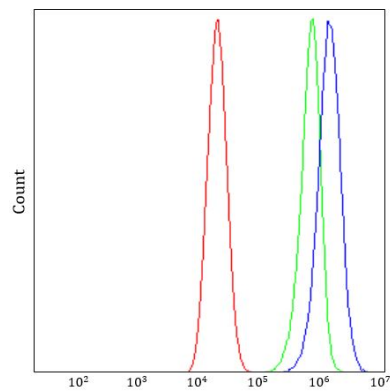
ARG45218 anti-GRHL2 antibody ICC/IF image

Immunofluorescence: A431 stained with ARG45218 anti-GRHL2 antibody at 5 ug/ml dilution.



ARG45218 anti-GRHL2 antibody WB image

Western blot: T-47D, RT4, Hs578, and MCF-7 stained with ARG45218 anti-GRHL2 antibody at 0.5 $\mu\text{g}/\text{ml}$ dilution.



ARG45218 anti-GRHL2 antibody FACS image

Flow Cytometry: Caco-2 stained with ARG45218 anti-GRHL2 antibody at 1 $\mu\text{g}/10^6$ cells dilution.