

ARG45200 anti-HOXC13 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes HOXC13
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	HOXC13
Species	Human
Immunogen	Recombinant protein containing to human HOXC13.
Conjugation	Un-conjugated
Alternate Names	HOXC13; Homeobox C13; HOX3G; Homeobox Protein Hox-C13; Homeobox Protein Hox-3G 3 4HOX3; Homeo Box C13; NUP98/HOXC13; Homeo Box 3G; ECTD9

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	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	35 kDa	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.005% Sodium azide and 4% Trehalose.
Preservative	0.005% Sodium azide
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.

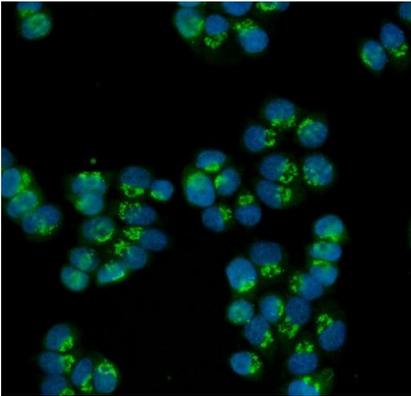
Note

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

Bioinformation

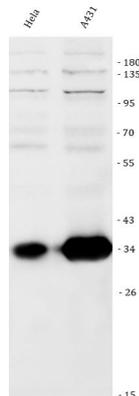
Gene Symbol	HOXC13
Gene Full Name	Homeobox C13
Background	This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXC genes located in a cluster on chromosome 12. The product of this gene may play a role in the development of hair, nail, and filiform papilla. [provided by RefSeq, Jul 2008]
Function	Transcription factor which plays a role in hair follicle differentiation. Regulates FOXQ1 expression and that of other hair-specific genes . [UniProt]
Calculated Mw	35 kDa
Cellular Localization	Nucleus . [UniProt]

Images



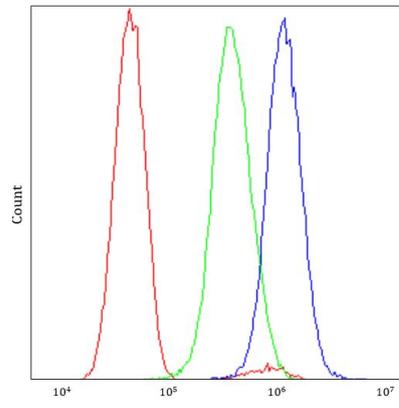
ARG45200 anti-HOXC13 antibody ICC/IF image

Immunofluorescence: T-47D stained with ARG45200 anti-HOXC13 antibody at 5 ug/ml dilution.



ARG45200 anti-HOXC13 antibody WB image

Western blot: HeLa and HEK293 stained with ARG45200 anti-HOXC13 antibody at 0.5 µg/ml dilution.



ARG45200 anti-HOXC13 antibody FACS image

Flow Cytometry: U251 stained with ARG45200 anti-HOXC13 antibody at $1 \mu\text{g}/10^6$ cells dilution.