

ARG41825 anti-CHD4 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CHD4
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CHD4
Species	Human
Immunogen	Synthetic peptide of Human CHD4.
Conjugation	Un-conjugated
Alternate Names	Chromodomain-helicase-DNA-binding protein 4; Mi-2b; EC 3.6.4.12; Mi-2 autoantigen 218 kDa protein; CHD-4; Mi2-beta; ATP-dependent helicase CHD4; Mi2-BETA

Application Instructions

Application table	Application	Dilution
	FACS	1:50
	ICC/IF	1:50 - 1:200
	WB	1:1000 - 1:5000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	293T	

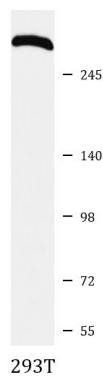
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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. 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	CHD4
Gene Full Name	chromodomain helicase DNA binding protein 4
Background	The product of this gene belongs to the SNF2/RAD54 helicase family. It represents the main component of the nucleosome remodeling and deacetylase complex and plays an important role in epigenetic transcriptional repression. Patients with dermatomyositis develop antibodies against this protein. Somatic mutations in this gene are associated with serous endometrial tumors. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2014]
Function	Component of the histone deacetylase NuRD complex which participates in the remodeling of chromatin by deacetylating histones. [UniProt]
Calculated Mw	218 kDa
Cellular Localization	Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Note=Associates with centrosomes in interphase. [UniProt]

Images



ARG41825 anti-CHD4 antibody WB image

Western blot: 293T cell lysate stained with ARG41825 anti-CHD4 antibody.