Datasheet for ABIN6971529

anti-CHD1 antibody (C-Term)

Go to Product page

Overview

Quantity:	100 µg
Target:	CHD1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This CHD1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	This CHD1 antibody was raised against a peptide corresponding to the C-terminus of mouse CHD1.
Clone:	2F11
Isotype:	IgG2a
Characteristics:	CHD1 (Chromo-ATPase/Helicase-DNA-binding protein 1) is a member of the CHD family of ATP-dependent chromatin remodeling factors implicated in RNA polymerase II transcriptional regulation. They are characterized by the presence of a double chromodomains (Chromatin Organization Modifier) and SNF2-related helicase/ATPase domains. The CHD1/CHD2 sub-family of CHD proteins also contain a C-terminal DNA binding domain that recognizes AT-rich sequences. CHD proteins alter gene expression possibly by modification of chromatin structure thus altering access of the transcriptional apparatus to its chromosomal DNA template. CHD1

Product Details

	has been shown to interact with histone H3 trimethylated at lysine 4 (H3K4Me3) and also is required for the maintenance of stem cell pluripotency. CHD1 antibody (mAb) (Clone 2F11) was raised in a Rat host. It has been validated for use in Immunocytochemistry, Immunofluorescence and Western blot, it has been shown to react with Human and Mouse samples.
Purification:	Protein G Chromatography

Target Details

Target:	CHD1
Alternative Name:	CHD1 (CHD1 Products)
Molecular Weight:	210 kDa
NCBI Accession:	NP_031716
Pathways:	Chromatin Binding

Application Details

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

Handling

Buffer:	Purified IgG in 70 mM Tris (pH 8), 105 mM NaCl, 31 mM glycine, 0.07 mM EDTA, 30 % glycerol and 0.035 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage.