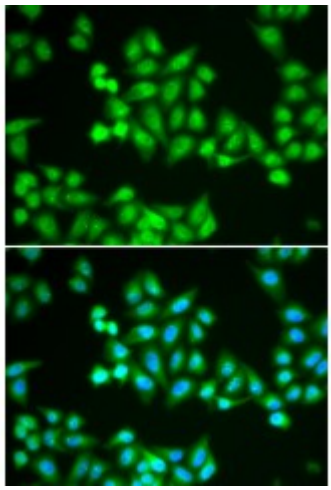
Anti-CHD2 Antibody



Description	The CHD family of proteins is characterized by the presence of chromo (chromatin organization modifier) domains and SNF2-related helicase/ATPase domains. CHD genes alter gene expression possibly by modification of chromatin structure thus altering access of the transcriptional apparatus to its chromosomal DNA template. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

Model	STJ115437
Host	Rabbit
Reactivity	Human
Applications	IF
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 242-501 of human CHD2 (NP_001036037.1).
Gene ID	1106
Gene Symbol	CHD2
Dilution range	IF 1:50 - 1:200
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Chromodomain-helicase-DNA-binding protein 2 CHD-2
Molecular Weight	211.344 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:1917OMIM:602119
Alternative Names	Chromodomain-helicase-DNA-binding protein 2 CHD-2
Function	DNA-binding helicase that specifically binds to the promoter of target genes, leading to chromatin remodeling, possibly by promoting deposition of histone H3,3, Involved in myogenesis via interaction with MYOD1: binds to myogenic gene regulatory sequences and mediates incorporation of histone H3,3 prior to the onset of myogenic gene expression, promoting their expression ,
Cellular Localization	Nucleus