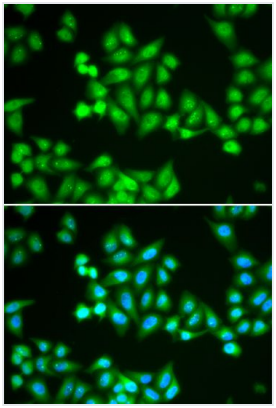
CHD2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CHD2, Polyclonal Antibody
Full Product Name	CHD2 Polyclonal Antibody
Product Gene Name	anti-CHD2 antibody
Product Synonym Names	EEOC
Immunogen Sequence	SDDLIEMTGE GVDEQQDNSE TIEKVLDSRL GKKGATGAST TVYAIEANGD PSGDFDTEKD EGEIQYLIKW KGWSYIHSTW ESEESLQQQK VKGLKKLENF KKKEDEIKQW LGKVSPEDVE YFNCQQELAS ELNKQYQIVE RVIAVKTSKS TLGQTDFPAH SRKPAPSNEP EYLCKWMGLP YSECSWEDEA LIGKKFQNCI DSFHSRNNSK TIPTRECKAL KQRPRFVALK KQPAYLGGEN LELRDYQLEG LNWLA
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.
Molecular Weight	56kDa/200kDa/211kDa
OMIM	AF006514 mRNA
3D Structure	ModBase 3D Structure for O14647
Immunogen	Recombinant protein of human CHD2
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Nucleus
Product Categories/Family for anti-CHD2 antibody	Polyclonal Antibodies
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CHD2 antibody	Immunofluorescence (IF)
Application Notes for anti-CHD2 antibody	IF: 1:50 - 1:200
Related Product Information for anti-CHD2 antibody	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.
Other Notes	Small volumes of anti-CHD2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CHD2 purchase	MBS9133516 is an antibody targeting CHD2. Also known as CHD2 Polyclonal Antibody. Reactive in Human. Host: Rabbit.



Immunofluorescence (IF) of anti-CHD2 antibody
Immunofluorescence analysis of HeLa cells using CHD2 antibody. Blue: DAPI for nuclear staining.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CHD2. It may not necessarily be applicable to this product.

NCBI GI #	110611184
NCBI GeneID	1106
NCBI Accession #	NP_001036037.1
UniProt Primary Accession #	O14647
UniProt Secondary Accession #	Q96IP5; C6G482
UniProt Related Accession #	O14647
GenBank Nucleotide #	NM_001042572.2
NCBI Official Full Name	chromodomain-helicase-DNA-binding protein 2 isoform 2
NCBI Official Synonym Full Names	chromodomain helicase DNA binding protein 2
NCBI Official Symbol	CHD2
NCBI Official Synonym Symbols	EEOC
UniProt Protein Name	Chromodomain-helicase-DNA-binding protein 2
UniProt Synonym Protein Names	ATP-dependent helicase CHD2
Protein Family	Chromodomain-helicase-DNA-binding protein
UniProt Gene Name	CHD2
UniProt Synonym Gene Names	CHD-2
NCBI Protein Information	chromodomain-helicase-DNA-binding protein 2
UniProt Comments for CHD2	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 ().
Research Articles on CHD2	**1.** study reports monozygotic twins with a global neurodevelopmental delay associated with an autism spectrum disorder, hypotonia, postnatal microcephaly, stereotypic movements and circadian rhythm alterations in association with late-onset epilepsy; identified a CHD2 mutation, previously described in association with a phenotypic spectrum overlapping our patients' phenotype

Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/chd2/9133516