

Anti-CHD4 Antibody (clone 4H4)
Mouse Anti Human Monoclonal Antibody
Catalog # ALS17639**Specification**

Anti-CHD4 Antibody (clone 4H4) - Product Information

Application	WB, IHC-P, E
Primary Accession	Q14839
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Calculated MW	218005

Anti-CHD4 Antibody (clone 4H4) - Additional Information**Gene ID 1108**

Alias Symbol	CHD4
Other Names	
CHD4, ATP-dependent helicase CHD4, CHD-4, Mi-2b, Mi2-BETA	

Reconstitution & Storage

Protein A purified

Precautions

Anti-CHD4 Antibody (clone 4H4) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-CHD4 Antibody (clone 4H4) - Protein Information**Name CHD4****Function**

ATP-dependent helicase that binds and distorts nucleosomal DNA (PubMed:28977666, PubMed:32543371). Acts as a component of the histone deacetylase NuRD complex which participates in the remodeling of chromatin (PubMed:17626165, PubMed:9804427, PubMed:16428440, PubMed:28977666). Localizes to acetylated damaged chromatin in a ZMYND8-dependent manner, to promote transcriptional repression and double-strand break repair by homologous recombination (PubMed:25593309). Involved in neurogenesis (By similarity).

Cellular Location

Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Note=Associates with centrosomes in interphase (By similarity). Localizes to sites of DNA damage in a manner dependent on ZMYND8 and ZNF687 (PubMed:28977666, PubMed:27732854). {ECO:0000250|UniProtKB:Q6PDQ2, ECO:0000269|PubMed:27732854, ECO:0000269|PubMed:28977666}

Tissue Location

Widely expressed..

Anti-CHD4 Antibody (clone 4H4) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-CHD4 Antibody (clone 4H4) - Images