

Rabbit anti-Human CHD4 Monoclonal Antibody | anti-CHD4 antibody

CHD4 Rabbit mAb

CATALOG # AAA283017	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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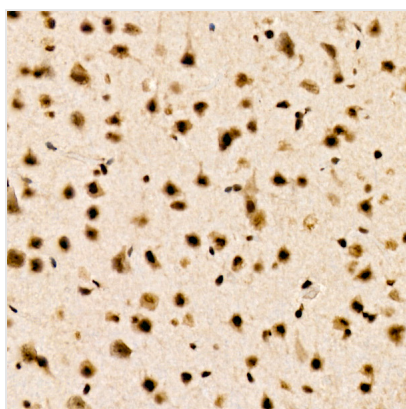
PRODUCT SYNONYMS

CHD4; Monoclonal Antibody; CHD4 Rabbit mAb; CHD-4; Mi-2b; SIHIWES; Mi2-BETA; anti-CHD4 antibody

PRODUCT SPECIFICATIONS

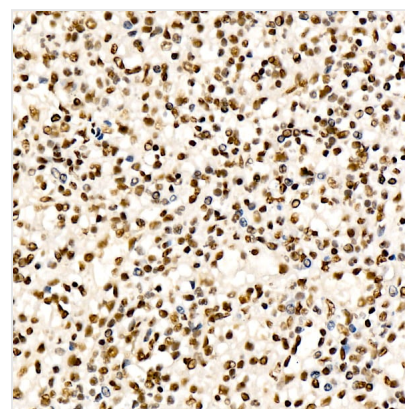
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	ELAEVEENKK MSQPGSPSPK TTPSTPGDT QNTPAPVPP AEDGIKIEEN SLKEESIEG EKEVKSTAPE TAIECTQAPA PASEDEKVVV EPPEGEEKVE KAEVKERTEE PMETEPKGAA DVEKVEEKSA IDLTPIVVED KEEKKEEEEEK KEVMLQNGET PKDLNDEKQK KNIKQRFMFN I
Applicable Applications for anti-CHD4 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1520-1700 of human CHD4. (NP_001264.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



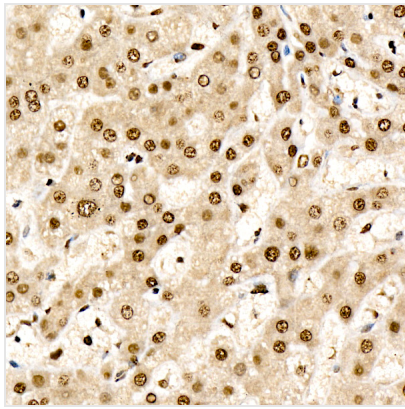
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse brain using CHD4 Rabbit mAb (AAA283017) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



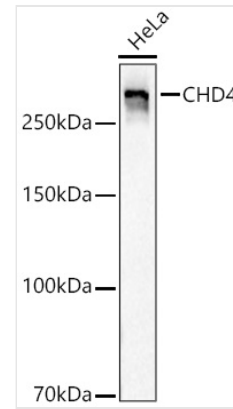
IHC (Immunohistochemisry)

Immunohistochemistry analysis of paraffin-embedded Human spleen using CHD4 Rabbit mAb (AAA283017) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human liver using CHD4 Rabbit mAb (AAA283017) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of lysates from HeLa cells using CHD4 Rabbit mAb (AAA283017) at 1:20000 dilution incubated overnight at 4?.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25 ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-CHD4 antibody	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.
Product Categories/Family for anti-CHD4 antibody	Epigenetics Nuclear Signaling ; Chromatin Remodeling ; Immunology Inflammation ; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	51599156
NCBI GeneID	1108
NCBI Accession #	NP_001264.2
NCBI GenBank Nucleotide #	NM_001273.2
UniProt Accession #	Q14839 ; Q8IXZ5
Molecular Weight	Calculated MW: 218kDa Observed MW: 260kDa
UniProt Protein Name	Chromodomain-helicase-DNA-binding protein 4
UniProt Gene Name	CHD4
UniProt Synonym Gene Names	CHD-4
UniProt Entry Name	CHD4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/chd4-antibody-immunohistochemistry-western-blot-elisa/283017>