

Rabbit anti-Human, Mouse CHD7 Polyclonal Antibody | anti-CHD7 antibody

CHD7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39886	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

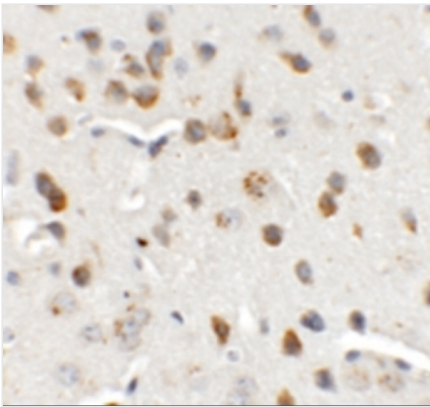
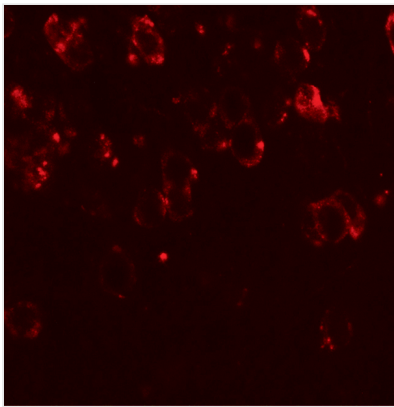
PRODUCT SYNONYMS

CHD7; Polyclonal Antibody; CHD7 Antibody; CRG; HH5; IS3; KAL5; KIAA1416; Chromodomain-helicase-DNA-binding protein 7; ATP-dependent helicase CHD7; CHD-7; chromodomain helicase DNA binding protein 7; anti-CHD7 antibody

PRODUCT SPECIFICATIONS

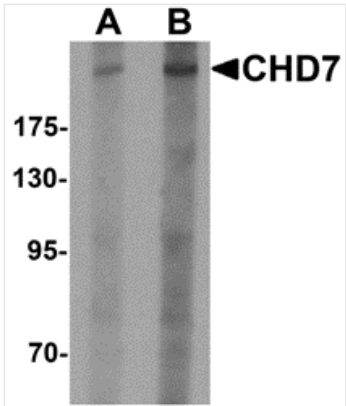
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Multiple isoforms of CHD7 are known to exist.
Purity/Purification	CHD7 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	2997
Applicable Applications for anti-CHD7 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	CHD7 antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human CHD7.
Buffer	CHD7 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	CHD7 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of CHD7 in mouse brain tissue with CHD7 antibody at 20 μg/mL.

IHC (Immunohiostchemistry)
Immunohistochemistry of CHD7 in mouse brain tissue with CHD7 antibody at 5 μg/mL.



WB (Western Blot)
Western blot analysis of CHD7 in SK-N-SH cell lysate with CHD7 antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CHD7 antibody	CHD7 Antibody: CHD proteins belong to a superfamily of proteins of ATP-dependent chromatin remodeling enzymes that have a unique combination of functional domains, including two N-terminal chromodomains, a SNF2-like ATPase/helicase domain and a DNA-binding domain. These proteins are thought to play a role in early embryonic development by affecting chromatin structure and gene expression. Mutations in one member of this family, CHD7, result in CHARGE syndrome. It colocalizes with embryonic stem (ES) cell master regulators OCT4/POU5F1, SOX2, and NANOG and is thought to modulate ES-specific gene transcription. Together with SOX2, CHD7 has been suggested to also regulate several human disease genes.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	54112403
NCBI GeneID	55636
NCBI Accession #	NP_060250.2
NCBI GenBank Nucleotide #	NM_017780.3
UniProt Accession #	Q9P2D1; Q05DI5; Q2TAN4; Q66K35; Q7Z6C0; Q7Z7Q2; Q9NXA0; Q9NXA3; D0VBA5; E9PNZ2
Molecular Weight	101,085 Da
NCBI Official Full Name	chromodomain-helicase-DNA-binding protein 7
NCBI Official Synonym Full Names	chromodomain helicase DNA binding protein 7

NCBI Official Symbol	CHD7
NCBI Official Synonym Symbols	CRG; HH5; IS3; KAL5
NCBI Protein Information	chromodomain-helicase-DNA-binding protein 7; CHARGE association; ATP-dependent helicase CHD7; chromodomain helicase DNA binding protein 7 isoform CRA_e
UniProt Protein Name	Chromodomain-helicase-DNA-binding protein 7
UniProt Gene Name	CHD7
UniProt Synonym Gene Names	KIAA1416; CHD-7
UniProt Entry Name	CHD7_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/chd7-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39886>