

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

Rabbit anti-CHD7 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211362	Rabbit	Human	Chromatin Immunoprecipitation, Immunoprecipitation, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

CHD7; Polyclonal Antibody; Rabbit anti-CHD7 Antibody; Affinity Purified; CRG; ATP-dependent helicase CHD7; KAL5; IS3; HH5; chromodomain-helicase-DNA-binding protein 7; chromodomain helicase DNA binding protein 7 isoform CRA_e; CHARGE association; CHD-7; Chromodomain-helicase-DNA-binding protein 7; chromodomain helicase DNA binding protein 7; anti-CHD7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-CHD7 antibody	ChIP (Chromatin immunoprecipitation), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 2947 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human CHD7 by western blot. Samples: Whole cell lysate (50 ug) from HeLa and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CHD7 antibody AAA211362 (lot AAA211362-3) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human CHD7 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-CHD7 antibody AAA211362 (lot AAA211362-3) used for IP at 3 ug per reaction. CHD7 was also immunoprecipitated by a previous lot of this antibody (lot AAA211362-2). For blotting immunoprecipitated CHD7, AAA211362 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-CHD7 antibody

CHD7 is a member of the CHD (chromodomain-helicase-DNA-binding) family of proteins that interacts with nucleosomes and plays a role in chromatin remodeling to modulate transcription. The members of the CHD family of proteins possess 3 common structural and functional domains: a chromodomain (chromatin organization modifier), an SNF2-like helicase/ATPase domain, and a C-terminal DNA-binding domain. CHD7 is implicated to play a role in development. Mutations in CHD7 are associated with CHARGE syndrome, a multi-symptom syndrome characterized by congenital anomalies and malformations of the heart, inner ear, retina, and palate.

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-chromatin-immunoprecipitation-immunoprecipitation-western-blot-elisa/211362>