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Rabbit Anti-CHD6 antibody

SL13894R

Product Name:	CHD6
Chinese Name:	ATP依赖的解旋酶CHD6抗体
Alias:	ATP dependent helicase CHD6; ATP-dependent helicase CHD6; CHD-6; CHD5; CHD6; CHD6_HUMAN; chromodomain helicase DNA binding protein 6; Chromodomain-helicase-DNA-binding protein 6; KIAA1335; Radiation induced gene B protein; Radiation-induced gene B protein; RIGB; RP4-620E11.2.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,
Applications:	ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	305kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CHD6:301-400/2715
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	CHD6 is a 2,715 amino acid protein encoded by the human gene CHD6. CHD6 belongs to the Snf2/Rad54 helicase family and contains two chromodomains, one ATP-binding helicase domain and one C-terminal helicase domain. The CHD family of proteins are ATP-dependent chromatin remodeling enzymes which combine chromodomains with SWI2/Snf2 ATPase/helicase motifs and DNA-binding capability. Chromodomains are

protein regions of about 40-50 amino acid residues found in proteins associated with chromatin remodeling and manipulation. The domain is highly conserved among both plants and animals and is found in a large variety of proteins from many genomes.

Function:
Probable transcription regulator.

Subcellular Location:
Nucleus.

Tissue Specificity:
Ubiquitous.

Post-translational modifications:
Phosphorylated upon DNA damage, probably by ATM or ATR

Similarity:
Belongs to the SNF2/RAD54 helicase family.
Contains 2 chromo domains.
Contains 1 helicase ATP-binding domain.
Contains 1 helicase C-terminal domain.

SWISS:
Q8TD26

Gene ID:
84181

Database links:

Entrez Gene: 84181 Human

SwissProt: Q8TD26 Human

Unigene: 371979 Human

Unigene: 644112 Human

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.