



CHD7 rabbit pAb

Catalog No	YP-Ab-11819
Isotype	IgG
Reactivity	Human; Mouse
Applications	IHC;IF
Gene Name	CHD7 KIAA1416
Immunogen	Synthesized peptide derived from human CHD7 AA range: 1703-1753
Specificity	This antibody detects endogenous levels of CHD7 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	IHC-p 1:50-200. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ATP-dependent helicase CHD7;CHD-7;Chromodomain Helicase DNA Binding Protein 7;CHD7;CHD7 KIAA1416
Observed Band	
Calculated Molecular Weight	
Cell Pathway	[Isoform 1]: Nucleus .; [Isoform 3]: Nucleus, nucleolus .
Tissue Specificity	Widely expressed in fetal and adult tissues.
Function	disease:Defects in CHD7 are a cause of CHARGE syndrome [MIM:214800]. This syndrome, which is a common cause of congenital anomalies, is characterized by a non-random pattern of congenital anomalies including choanal atresia and malformations of the heart, inner ear, and retina., disease:Defects in CHD7 are a cause of idiopathic hypogonadotropic hypogonadism (IHH) [MIM:146110]. IHH is defined as a deficiency of the pituitary secretion of follicle-stimulating hormone and luteinizing hormone, which results in the impairment of pubertal maturation and of reproductive function., disease:Defects in CHD7 are the cause of Kallmann syndrome type 5 (KAL5) [MIM:612370]. Kallmann syndrome is a disorder that associates hypogonadotropic hypogonadism and anosmia. Anosmia or hyposmia is related to the absence or hypoplasia of the olfactory bulbs and tracts. Hypogonadism is



due to deficiency in gonadotropi

Background

This gene encodes a protein that contains several helicase family domains. Mutations in this gene have been found in some patients with the CHARGE syndrome. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2015],

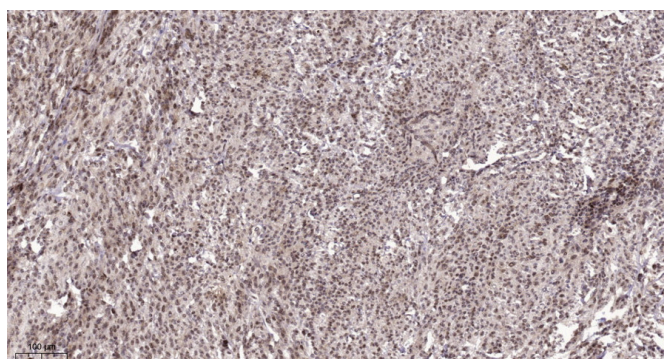
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).