

CDCA7L Rabbit pAb

Catalog # AP97177

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q96GN5
Other Accession	Q96GN5
Reactivity	Rat, Human, Mouse
Predicted	Pig, Rabbit, Chicken, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52206
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CDCA7L
Epitope Specificity	381-454/454
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBUNIT	Interacts with MYC and PSIP1.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	CDCA7L is a member of the CDCA (cell division cycle associated) protein family. Members of this family have expression patterns associated with other known cell cycle genes such as cyclins and CDC genes. CDCA7L plays a role in transcriptional regulation as a repressor that inhibits monoamine oxidase A (MAOA) activity and gene expression by binding to the promoter. It also plays an important oncogenic role in mediating the full transforming effect of MYC in medulloblastoma cells. It is involved in apoptotic signaling pathways and may act downstream of P38-kinase and BCL-2, but upstream of CASP3/caspase-3 as well as CCND1/cyclin D1 and E2F1.

Additional Information

Gene ID	55536
Other Names	JPO2; R1; RAM2; CDA7L_HUMAN; CDCA7L; Protein JPO2; Transcription factor RAM2; HR1; cell division cycle associated 7 like; cell division cycle associated 7-like
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	CDCA7L
Synonyms	HR1, JPO2, R1
Function	Plays a role in transcriptional regulation as a repressor that inhibits monoamine oxidase A (MAOA) activity and gene expression by binding to the promoter. Plays an important oncogenic role in mediating the full transforming effect of MYC in medulloblastoma cells. Involved in apoptotic signaling pathways; May act downstream of P38- kinase and BCL-2, but upstream of CASP3/caspase-3 as well as CCND1/cyclin D1 and E2F1.
Cellular Location	Cytoplasm. Nucleus. Note=Associates with chromatin. Translocates from cytoplasm to nucleus under dexamethasone induction
Tissue Location	Ubiquitous. Overexpressed in medulloblastoma.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.