



# CDA7L Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-05048
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	CDCA7L HR1 JPO2 R1
<b>Protein Name</b>	Cell division cycle-associated 7-like protein (Protein JPO2) (Transcription factor RAM2)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 140-220
<b>Specificity</b>	CDA7L Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	49kD
<b>Cell Pathway</b>	Cytoplasm. Nucleus. Associates with chromatin. Translocates from cytoplasm to nucleus under dexamethasone induction.
<b>Tissue Specificity</b>	Ubiquitous. Overexpressed in medulloblastoma.
<b>Function</b>	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.,induction:By MYC overexpression in a concentration dependent manner in neuroblastoma cell line.,miscellaneous:Cells lacking CDCA7L display a reduction of 25-30% of colony formation in medulloblastoma cell lines. CDCA7L overexpression induces colony formation.,subcellular location:Associates with chromatin. Translocates from cytoplasm to nucleus under dexamethasone induction.,subunit:Interacts with MYC and PSIP1.,tissue specificity:Ubiquitous. Overexpressed in medullo
<b>Background</b>	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.,induction:By MYC overexpression in a concentration dependent manner in neuroblastoma cell line.,miscellaneous:Cells lacking CDCA7L display a reduction of 25-30% of colony formation in medulloblastoma cell lines. CDCA7L overexpression induces colony formation.,subcellular location:Associates with chromatin. Translocates from cytoplasm to nucleus under dexamethasone induction.,subunit:Interacts with MYC and PSIP1.,tissue specificity:Ubiquitous. Overexpressed in medulloblastoma.,

**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**