



Rabbit Anti-DIS antibody

SL7064R

Product Name:	DIS
Chinese Name:	细胞周期及凋亡调节蛋白1抗体
Alias:	CARP-1; Carp1; CCAR1; CCAR1_HUMAN; Cell cycle and apoptosis regulatory protein 1; cell division cycle and apoptosis regulator 1; Cell division cycle and apoptosis regulator protein 1; Death Inducer with SAP domain; FLJ10590; FLJ10839; FLJ13376; FLJ20734; MGC7730; RP11-437A18.1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,Horse,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	133kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human DIS/CCAR1:731-830/1150
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:	Associates with components of the Mediator and p160 coactivator complexes that play a role as intermediaries transducing regulatory signals from upstream transcriptional activator proteins to basal transcription machinery at the core promoter. Recruited to endogenous nuclear receptor target genes in response to the appropriate hormone. Also

functions as a p53 coactivator. May thus play an important role in transcriptional regulation (By similarity). May be involved in apoptosis signaling in the presence of the repressor CD437. Apoptosis induction involves sequestration of 14-3-3 protein(s) and mediated altered expression of multiple cell cycle regulatory genes including MYC, CCNB1 and CDKN1A. Plays a role in cell cycle progression and/or cell proliferation.

Function:

Associates with components of the Mediator and p160 coactivator complexes that play a role as intermediaries transducing regulatory signals from upstream transcriptional activator proteins to basal transcription machinery at the core promoter. Recruited to endogenous nuclear receptor target genes in response to the appropriate hormone. Also functions as a p53 coactivator. May thus play an important role in transcriptional regulation (By similarity). May be involved in apoptosis signaling in the presence of the repressor CD437. Apoptosis induction involves sequestration of 14-3-3 protein(s) and mediated altered expression of multiple cell cycle regulatory genes including MYC, CCNB1 and CDKN1A. Plays a role in cell cycle progression and/or cell proliferation.

Subunit:

Directly interacts with CALCOCO1, ESR1, NR3C1 and TP53 (By similarity).

Subcellular Location:

Cytoplasm, perinuclear region.

Tissue Specificity:

Expressed in various epithelial cancer cell lines, including breast, colon, prostate, pancreatic and leukemia. Expression is regulated by growth factors.

Similarity:

Contains 1 SAP domain.

SWISS:

Q8IX12

Gene ID:

55749

Database links:

[Entrez Gene: 423692](#) Chicken

[Entrez Gene: 450498](#) Chimpanzee

[Entrez Gene: 767587](#) Cow

[Entrez Gene: 479230](#) Dog

[Entrez Gene: 55749](#) Human

[Entrez Gene: 67500](#) Mouse

[Entrez Gene: 361849](#) Rat

[Omim: 612569](#) Human

[SwissProt: Q8IX12](#) Human

[SwissProt: Q8CH18](#) Mouse

[SwissProt: D3ZG47](#) Rat

[Unigene: 49853](#) Human

[Unigene: 196371](#) Mouse

Important Note:

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