10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CRSP9 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10555

Product Information

Application	WB, IHC
Primary Accession	O43513
Other Accession	NM_004270, NP_004261
Reactivity	Human, Mouse, Rat, Zebrafish, Dog, Bovine
Predicted	Human, Mouse, Rat, Zebrafish, Pig, Chicken, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27245

Additional Information

Gene ID	9443
Alias Symbol	ARC34, CRSP9, CRSP33
Other Names	Mediator of RNA polymerase II transcription subunit 7, hMED7, Activator-recruited cofactor 34 kDa component, ARC34, Cofactor required for Sp1 transcriptional activation subunit 9, CRSP complex subunit 9, Mediator complex subunit 7, RNA polymerase transcriptional regulation mediator subunit 7 homolog, Transcriptional coactivator CRSP33, MED7, ARC34, CRSP9
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-CRSP9 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	CRSP9 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	MED7
Synonyms	ARC34, CRSP9
Function	Component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene- specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and

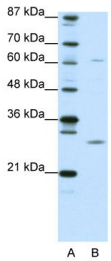
serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors.

Cellular Location Nucleus.

References

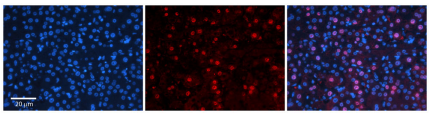
Ryu,S., et al., (1999) Proc. Natl. Acad. Sci. U.S.A. 96 (13), 7137-7142Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images

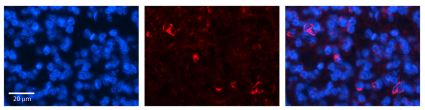


WB Suggested Anti-CRSP9 Antibody Titration: .2-1 ug/ml
ELISA Titer: 1:3125
Positive Control: 293T cell lysate

MED7 is supported by BioGPS gene expression data to be expressed in HEK293T



Rabbit Anti-CRSP9 Antibody
Catalog Number: AI1555
Formalin Fixed Paraffin Embedded Tissue: Human Adult Liver
Observed Staining: Nuclear (strong) in hepatocytes, strong signal, wide tissue distribution
Primary Antibody Concentration: 1:1
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:2
Magnification: 2X
Exposure Time: .5 – 2. sec
Protocol located in Reviews and Data.



CRSP9 antibody - N-terminal region (AI1555)
Catalog Number:AI1555
Formalin Fixed Paraffin Embedded Tissue: Human Pineal Tissue
Observed Staining: Cytoplasm and nuclear membrane in Human Pineal Tissue
Primary Antibody Concentration:1:1
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration:1:2
Magnification:2X
Exposure Time: .5 - 2. sec

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