

Summary

Production Name	HEXIM1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Chromatography

Immunogen

Gene Name	HEXIM1
Alternative Names	CLP1; EDG1; HIS1; MAQ1
Gene ID	10614
SwissProt ID	O94992.

Application

Dilution Ratio	WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:50-1:200 ELISA: 1:10000
Molecular Weight	Calculated MW: 41 kDa; Observed MW: 41 kDa

Background

Product Name: HEXIM1 Rabbit Polyclonal Antibody
Catalog #: AP Rab00403

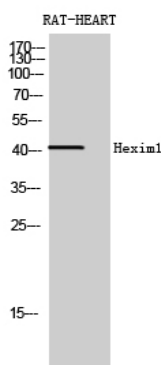


Transcriptional regulator which functions as a general RNA polymerase II transcription inhibitor (PubMed:14580347, PubMed:15713661, PubMed:15201869). In cooperation with 7SK snRNA sequesters P-TEFb in a large inactive 7SK snRNP complex preventing RNA polymerase II phosphorylation and subsequent transcriptional elongation (PubMed:12832472, PubMed:14580347, PubMed:15713661, PubMed:15201869). May also regulate NF-kappa-B, ESR1, NR3C1 and CIITA-dependent transcriptional activity (PubMed:15940264, PubMed:15941832, PubMed:17088550). Plays a role in the regulation of DNA virus-mediated innate immune response by assembling into the HDP-RNP complex, a complex that serves as a platform for IRF3 phosphorylation and subsequent innate immune response activation through the cGAS-STING pathway (PubMed:28712728).

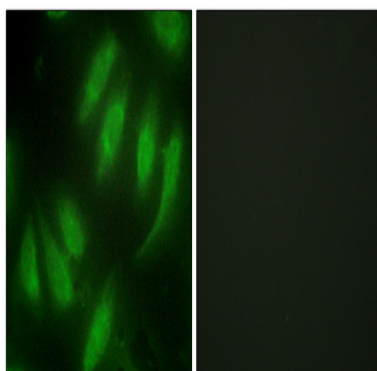
Research Area

Epigenetics and Nuclear Signaling

Image Data

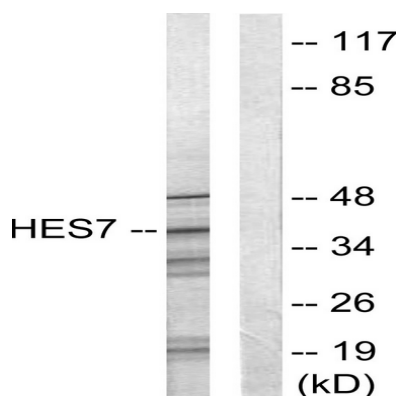


Western blot analysis of HEXIM1 in rat HEART lysates using HEXIM1 antibody.

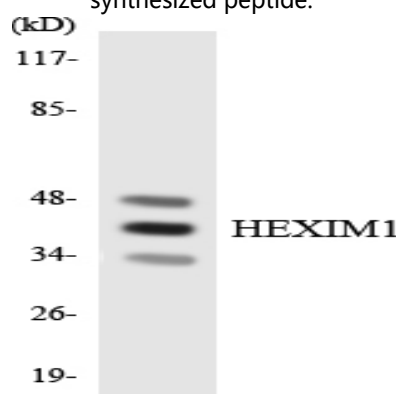


Immunofluorescence analysis of HEXIM1 in HeLa using HEXIM1 antibody. The picture on the right is blocked using the synthesized peptide.

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Western blot analysis of HEXIM1 in NIH/3T3 lysates using HEXIM1 antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of HEXIM1 in theHeLa lysates using HEXIM1 antibody

Note

For research use only.