

Anti-HEXIM2 Antibody

Catalog # AP51895

Product Information

Application	WB
Primary Accession	Q96MH2
Reactivity	Human, Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	32419

Additional Information

Gene ID	124790
Other Names	Protein HEXIM2; Hexamethylene bis-acetamide-inducible protein 2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human HEXIM2. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

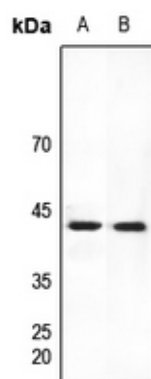
Protein Information

Name	HEXIM2
Function	Transcriptional regulator which functions as a general RNA polymerase II transcription inhibitor (PubMed: 15713661 , PubMed: 15713662). Core component of the 7SK RNP complex: 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: 15713661 , PubMed: 15713662).
Cellular Location	Nucleus.
Tissue Location	Ubiquitously expressed with higher expression in testis. HEXIM1 and HEXIM2 are differentially expressed

References

Petroziello J.,et al.Oncogene 23:7734-7745(2004).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Byers S.A.,et al.J. Biol. Chem. 280:16360-16367(2005).
Yik J.H.N.,et al.J. Biol. Chem. 280:16368-16376(2005).

Images



Western blot analysis of HEXIM2 expression in HEK293T (A), rat kidney (B) whole cell lysates. (Predicted band size: 32 kD; Observed band size: 42 kD)

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