

HEXIM2 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP22031b

Product Information

Application	WB, E
Primary Accession	Q96MH2
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB54870
Calculated MW	32419

Additional Information

Gene ID	124790
Other Names	Protein HEXIM2, Hexamethylene bis-acetamide-inducible protein 2, HEXIM2
Target/Specificity	This HEXIM2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 235-269 amino acids from of human HEXIM2.
Dilution	WB~~1:8000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	HEXIM2 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

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

Background

Transcriptional regulator which functions as a general RNA polymerase II transcription inhibitor. In cooperation with 7SK snRNA sequesters P-TEFb in a large inactive 7SK snRNP complex preventing RNA polymerase II phosphorylation and subsequent transcriptional elongation.

References

Petroziello J.,et al.Oncogene 23:7734-7745(2004).

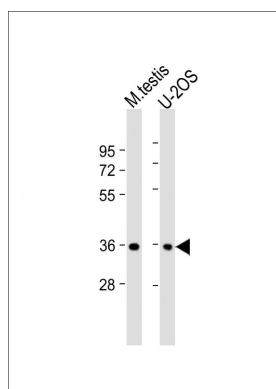
Ota T.,et al.Nat. Genet. 36:40-45(2004).

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



All lanes : Anti-HEXIM2 Antibody (C-Term) at 1:8000 dilution
Lane 1: mouse testis lysate
Lane 2: U-2OS whole cell lysate
Lysates/proteins at 20 µg per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 32 kDa
Blocking/Dilution buffer: 5% NFDm/TBST.

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