

HEXIM2 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51895**Specification**

HEXIM2 Antibody - Product Information

Application	WB, E
Primary Accession	Q96MH2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42 KDa

HEXIM2 Antibody - Additional Information**Gene ID** 124790**Other Names**

Protein HEXIM2, Hexamethylene bis-acetamide-inducible protein 2, HEXIM2

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human HEXIM2. The exact sequence is proprietary.

Dilution

WB~~1:1000

E~~N/A

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

HEXIM2 Antibody - Protein Information**Name** HEXIM2**Function**

Transcriptional regulator which functions as a general RNA polymerase II transcription inhibitor (PubMed: [15713661](http://www.uniprot.org/citations/15713661)), PubMed: [15713662](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/15713661), PubMed: [15713662](http://www.uniprot.org/citations/15713662)).

Cellular Location

Nucleus.

Tissue Location

Ubiquitously expressed with higher expression in testis. HEXIM1 and HEXIM2 are differentially expressed

HEXIM2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HEXIM2 Antibody - Images**HEXIM2 Antibody - 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.

HEXIM2 Antibody - 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).