

HEXIM2 Antibody (C-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22031b**Specification**

HEXIM2 Antibody (C-Term) - Product Information

Application	WB,E
Primary Accession	Q96MH2
Reactivity	Human, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	32419

HEXIM2 Antibody (C-Term) - 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.

HEXIM2 Antibody (C-Term) - 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

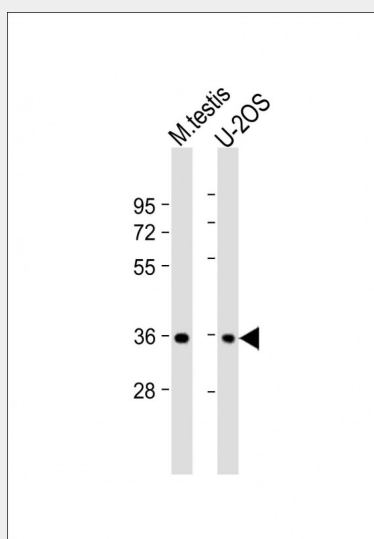
Ubiquitously expressed with higher expression in testis. HEXIM1 and HEXIM2 are differentially expressed

HEXIM2 Antibody (C-Term) - 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 (C-Term) - 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.

HEXIM2 Antibody (C-Term) - 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 (C-Term) - 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).
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