


Product datasheet

Anti-HEXIM1 antibody ab112094

Overview

Product name	Anti-HEXIM1 antibody
Description	Rabbit polyclonal to HEXIM1
Host species	Rabbit
Tested applications	Suitable for: IP Unsuitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Rhesus monkey 
Immunogen	Synthetic peptide, corresponding to a region between amino acids 1-50 of Human HEXIM1 (NP_006451.1).
Positive control	HeLa whole cell lysate

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.50 Preservative: 0.09% Sodium azide Constituent: 99% Tris citrate/phosphate
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab112094** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		Use at 2-10 µg/mg of lysate.

Application notes Is unsuitable for WB.

Target

Function	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. May also regulate NF-kappa-B, ESR1, NR3C1 and CIITA-dependent transcriptional activity.
Tissue specificity	Ubiquitously expressed with higher expression in placenta. HEXIM1 and HEXIM2 are differentially expressed. Expressed in endocrine tissues.
Sequence similarities	Belongs to the HEXIM family.
Domain	The coiled-coil domain mediates oligomerization.
Cellular localization	Nucleus. Cytoplasm. Binds alpha-importin and is mostly nuclear.

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