


Product datasheet

Anti-Macro H2A.2 antibody ab102126

★★★★☆ 2 Abreviews 画像数 2

製品の概要

製品名	Anti-Macro H2A.2 antibody
製品の詳細	Rabbit polyclonal to Macro H2A.2
アプリケーション	適用あり: WB, IHC-P
種交差性	交差種: Mouse, Human 交差が予測される動物種: Rat, Cow 
免疫原	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 197-340 of Human Macro H2A.2 (AAH16172).
ポジティブ・コントロール	A431 whole cell lysate, TOV-21G xenograft

法規制情報

医薬用外毒物

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: 0.01% Thimerosal (merthiolate) Constituents: 20% Glycerol, 1% BSA, PBS, pH 7
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab102126** in the following tested applications.

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

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/3000. Predicted molecular weight: 40 kDa.
IHC-P		1/100 - 1/500. Suggested antigen retrieval using heat mediated 10mM Citrate buffer or Tris-EDTA buffer (pH 8.0)

ターゲット情報

機能

Variant histone H2A which replaces conventional H2A in a subset of nucleosomes where it represses transcription. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling. May be involved in stable X chromosome inactivation.

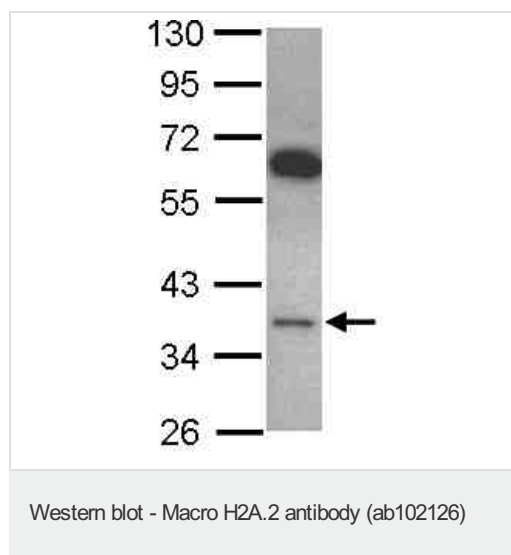
配列類似性

Contains 1 histone H2A domain.
Contains 1 Macro domain.

細胞内局在

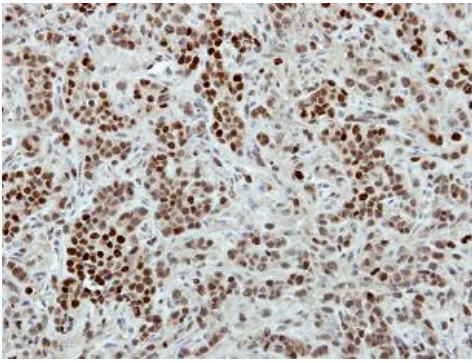
Nucleus. Chromosome. Enriched in inactive X chromosome chromatin and in senescence-associated heterochromatin.

画像



Anti-Macro H2A.2 antibody (ab102126) at
1/1000 dilution + A431 whole cell lysate at 30
µg

Predicted band size : 40 kDa



Immunohistochemical analysis of paraffin-embedded TOV-21G xenograft, using ab102126 at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Macro H2A.2 antibody (ab102126)

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