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Datasheet for ABIN6987583
anti-HMGN2 antibody (HRP)

Overview

Quantity:	100 µL
Target:	HMGN2
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGN2 antibody is conjugated to HRP
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HMGN2/HMG17:2-60/90
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	HMGN2
Alternative Name:	HMGN2/HMG17 (HMGN2 Products)
Background:	Synonyms: High mobility group (nonhistone chromosomal) protein 17, high mobility group nucleosomal binding domain 2, High mobility group nucleosome-binding domain-containing protein 2, High mobility group protein N2, HMG17, HMGN2, HMGN2_HUMAN, MGC5629, Non histone chromosomal protein HMG 17, Non-histone chromosomal protein HMG-17, Nonhistone

Target Details

chromosomal protein HMG 17, nonhistone chromosomal protein hmg-17.

Background: The high-mobility group (HMG) proteins 14 and 17 are abundant chromosomal proteins that bind to nucleosomes and enhance transcription (15). HMG-14 and HMG-17 also function as architectural elements, which alter the structure of the chromatin fiber and enhance transcription from chromatin templates (13,5). HMG-14/17 proteins modify the nucleosomal organization of the 30 nm chromatin fiber and mediate the unfolding of the higher order chromatin structure thereby facilitating access to the underlying DNA sequence (13). Clustering of architectural elements, such as HMG proteins and linker histone subtypes into distinct domains, may lead to structural and functional heterogeneity along the chromatin fiber (13). In addition, HMG-14 and HMG-17 have been identified as constitutive components of mouse oocyte and embryonic chromatin that establish a link between the structure of embryonic chromatin and the normal progression of embryonic development (2). Post-translational modifications : Phosphorylation favors cytoplasmic localization. Similarity : Belongs to the HMGN family.

Gene ID: 3151

UniProt: [P05204](#)

Application Details

Application Notes: IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months