HMG2L1 Antibody

ALTERNATE NAMES: HMGXB4

CATALOG #: 6863-50

AMOUNT: 50 µl

HOST/ISOTYPE: Rabbit

IMMUNOGEN: Polyclonal antibody raised in rabbit against human HMG2L1 (High mobility group protein 2-like 1) using two KLH conjugated synthetic peptides containing a sequence from the N-terminal and central region of the protein, respectively.

FORM: Liquid

FORMULATION: In PBS with 0.05% (W/V) sodium azide.

PURIFICATION: Whole antiserum from rabbit

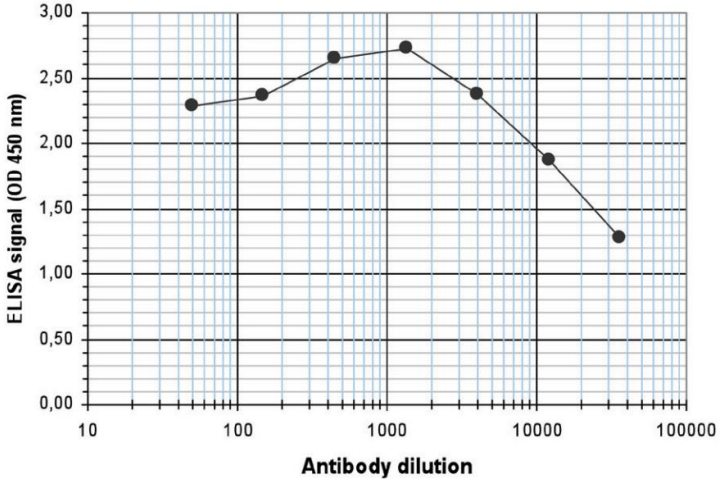
SPECIES REACTIVITY: Human

STORAGE CONDITIONS: Store at -20°C; for long storage, store at -80°C. Avoid multiple freeze-thaw cycles.

DESCRIPTION: High mobility group (HMG) protein 1 and 2 has been classified by DNA binding preferences and are ubiquitous non-histone components of chromatin. They bind to the minor groove of AT-rich DNA sequences with high affinity. Evidence suggests that the binding of HMG proteins to DNA induces alterations in the DNA architecture including DNA bending and unwinding of the helix. HMG proteins synergize with Oct-2, members of the NFkB family, ATF-2 and c-Jun to activate transcription. HMG-2L1 (High mobility group protein 2-like 1), also known as HMGBCG, is a member of the HMG chromosomal protein superfamily. It contains a single HMG box DNA binding domain, and therefore does not contain an acidic C-terminal tail. HMG-2L1 is expressed in the nucleus and may play a role in transcriptional regulation.

APPLICATION: ELISA: 1:1000.

Note: This information is only intended as a guide. The optimal dilutions must be



To determine the titer, an ELISA was performed using a serial dilution of the antibody. The wells were coated with the peptide used for immunization of the rabbit. By plotting the absorbance against the antibody dilution, the titer of the antibody was estimated to be 1:34,500.

RELATED PRODUCTS:

- CBX4 Antibody (NT) **(Cat. No. 5284-100)**
- EED Antibody (NT) **(Cat. No. 5292-100)**
- L3MBTL1 Antibody **(Cat. No. 6857-25)**
- EZH1 Antibody **(Cat # 6123-100)**
- EZH2 Antibody **(Cat # 3242-100)**
- EZH2 Inhibitor, EPZ005687 **(Cat # 2364-2, -10)**
- EZH1 Antibody **(Cat # 6123-100)**
- EZH Antibody **(Cat # 6838-25)**

FOR RESEARCH USE ONLY! Not to be used on humans.