



HMG20B, High-mobility group 20B polyclonal antibody

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Box 1 | Basic Info

Cat. No.	ABP-PAB-10192
Animal ID	RC40104
Host	Rabbit
Reactivity	Human
Format	Purified
Accession number	NM_006339
Amount	100 µg

Alternative Name(s): SOXL, HMGX2, BRAF25, BRAF35, SMARCE1r, soxlike transcriptional factor, SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1-related

High-mobility group 20B (HMG20B) protein containing a non-specific DNA binding high-mobility-group domain and a kinesin-like coiled-coil domain, appears to bind to kinesin superfamily protein member 4 (KIF4) which is associated with the nuclear matrix during the interphase, while a small portion is found in the cytoplasm. During mitosis, this complex is associated with chromosomes throughout the entire process.

Buffers

Purified rabbit polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column and eluted out with both high and low pH buffers and neutralized immediately after elution then followed by dialysis against PBS.

Immunogen

N/A

Application:

Tested by peptide-specific ELISA (1:1,000).

Storage:

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C. Avoid repeated freeze-thaw cycles.

References:

1. Wang C, McCarty IM, Balazs L, Li Y, Steiner MS: Immunohistological detection of BRAF25 in human prostate tumor and cancer specimens. *Biochem. Biophys. Res. Commun.* 295(1): 136-141 (2002).
2. Wang C, McCarty IM, Balazs L, Li Y, Steiner MS: Cloning a cDNA encoding an alternatively spliced protein of BRCA2-associated factor 35. *Biochem. Biophys. Res. Commun.* 295(1): 129-135 (2002).
3. Hakimi MA, Bochar DA, Chenoweth J, Lane WS, Mandel G, Shiekhhattar R: A core-BRAF35 complex containing histone deacetylase mediates repression of neuronalspecific genes. *Proc. Natl. Acad. Sci. U S A.* 99(11): 7420- 7425 (2002).